



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

June 18, 2019

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of May, 2019.

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

MRB/cm
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 May 2019 have been furnished to the following individuals via e-mail on this 18th day of June, 2019.

/s/ Matthew R. Bernier

Attorney

| | |
|--|---|
| <p>Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us</p> <p>James Beasley / J. Jeffrey Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Steven Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 srg@beggslane.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Holly Henderson Gulf Power Company 215 S. Monroe St., Ste. 618 Tallahassee, FL 32301 holly.henderson@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com; mqualls@moylelaw.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> | <p>J.R. Kelly / P. Christensen / T. David / V. Ponder / S. Morse Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 kelly_jr@leg.state.fl.us christensen.patty@leg.state.fl.us david.tad@leg.state.fl.us ponder.virginia@leg.state.fl.us morse.stephanie@leg.state.fl.us</p> <p>Ms. Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / Joel Baker Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com joel.baker@fpl.com</p> <p>James Brew / Laura Wynn Stone Law Firm 1025 Thomas Jefferson St., N.W. Suite 800 West Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p> <p>Robert Scheffel Wright / John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p> <p>Mike Cassel Florida Public Utilities Company 1750 S. 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> |
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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MAY 2019

| | \$ | | | | MWH | | | | CENTS/KWH | | | |
|---|-------------|-------------|-------------------|--------|-----------|-----------|-------------------|--------|-----------|-----------|-------------------|--------|
| | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3) | 109,917,691 | 111,397,907 | (1,480,216) | (1.3) | 3,607,634 | 3,519,104 | 88,530 | 2.5 | 3.0468 | 3.1655 | (0.1187) | (3.8) |
| 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 | 1,197,017 | 1,196,828 | 189 | 0.0 | 0 | 0 | 0 | 0.0 | 0.0000 | 0.0000 | 0.0000 | 0.0 |
| 4 TOTAL COST OF GENERATED POWER | 111,114,707 | 112,594,735 | (1,480,027) | (1.3) | 3,607,634 | 3,519,104 | 88,530 | 2.5 | 3.0800 | 3.1995 | (0.1195) | (3.7) |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7) | 13,339,364 | 2,921,807 | 10,417,557 | 356.5 | 309,062 | 91,085 | 217,978 | 239.3 | 4.3161 | 3.2078 | 1.1083 | 34.6 |
| 6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A9) | 0 | 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) | 462,113 | 203,001 | 259,112 | 127.6 | 11,957 | 4,694 | 7,263 | 154.8 | 3.8647 | 4.3250 | (0.4603) | (10.6) |
| 8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8) | 8,882,702 | 11,605,827 | (2,723,125) | (23.5) | 215,766 | 271,457 | (55,691) | (20.5) | 4.1168 | 4.2754 | (0.1586) | (3.7) |
| 9 TOTAL COST OF PURCHASED POWER | 22,684,178 | 14,730,635 | 7,953,544 | 54.0 | 536,785 | 367,235 | 169,550 | 46.2 | 4.2259 | 4.0112 | 0.2147 | 5.4 |
| 10 TOTAL AVAILABLE MWH | | | | | 4,144,419 | 3,886,340 | 258,080 | 6.6 | | | | |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6) | (594,272) | (334,110) | (260,162) | 77.9 | (16,019) | (9,655) | (6,364) | 65.9 | 3.7098 | 3.4606 | 0.2492 | 7.2 |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6) | (343,905) | (92,936) | (250,969) | 270.0 | (16,019) | (9,655) | (6,364) | 65.9 | 2.1469 | 0.9626 | 1.1843 | 123.0 |
| 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 | (3,314,209) | (2,084,153) | (1,230,056) | 59.0 | (188,198) | (137,434) | (50,764) | 36.9 | 1.7610 | 1.5165 | 0.2445 | 16.1 |
| 13 TOTAL FUEL COST AND GAINS ON POWER SALES | (4,252,385) | (2,511,199) | (1,741,186) | 69.3 | (204,217) | (147,089) | (57,128) | 38.8 | 2.0823 | 1.7073 | 0.3750 | 22.0 |
| 14 NET INADVERTENT AND WHEELED INTERCHANGE | | | | | 18,697 | 0 | 18,697 | | | | | |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS | 129,546,501 | 124,814,171 | 4,732,330 | 3.8 | 3,958,899 | 3,739,251 | 219,648 | 5.9 | 3.2723 | 3.3379 | (0.0656) | (2.0) |
| 16 NET UNBILLED | 12,237,134 | 14,369,492 | (2,132,358) | (14.8) | (373,963) | (430,489) | 56,526 | (13.1) | 0.3820 | 0.4650 | (0.0830) | (17.9) |
| 17 COMPANY USE | 586,868 | 433,590 | 153,278 | 35.4 | (17,935) | (12,990) | (4,945) | 38.1 | 0.0183 | 0.0140 | 0.0043 | 30.7 |
| 18 T & D LOSSES | 11,895,746 | 6,868,107 | 5,027,639 | 73.2 | (363,530) | (205,758) | (157,772) | 76.7 | 0.3713 | 0.2223 | 0.1490 | 67.0 |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2) | 129,546,501 | 124,814,171 | 4,732,330 | 3.8 | 3,203,472 | 3,090,014 | 113,458 | 3.7 | 4.0439 | 4.0393 | 0.0046 | 0.1 |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES) | (712,506) | (723,922) | 11,416 | (1.6) | (17,654) | (17,869) | 215 | (1.2) | 4.0359 | 4.0512 | (0.0153) | (0.4) |
| 21 JURISDICTIONAL KWH SALES | 128,833,995 | 124,090,249 | 4,743,746 | 3.8 | 3,185,817 | 3,072,144 | 113,673 | 3.7 | 4.0440 | 4.0392 | 0.0048 | 0.1 |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034 | 128,877,798 | 124,128,717 | 4,749,082 | 3.8 | 3,185,817 | 3,072,144 | 113,673 | 3.7 | 4.0454 | 4.0405 | 0.0049 | 0.1 |
| 23 PRIOR PERIOD TRUE-UP | 12,370,910 | 12,370,910 | (0) | 0.0 | 3,185,817 | 3,072,144 | 113,673 | 3.7 | 0.3883 | 0.4027 | (0.0144) | (3.6) |
| 24 TOTAL JURISDICTIONAL FUEL COST | 141,248,708 | 136,499,627 | 4,749,081 | 3.5 | 3,185,817 | 3,072,144 | 113,673 | 3.7 | 4.4337 | 4.4432 | (0.0095) | (0.2) |
| 25 REVENUE TAX FACTOR | | | | | | | | | 1.00072 | 1.00072 | 0.0000 | 0.0 |
| 26 FUEL COST ADJUSTED FOR TAXES | | | | | | | | | 4.4369 | 4.4464 | (0.0095) | (0.2) |
| 27 GPIF | (191,794) | (191,794) | | | 3,185,817 | 3,072,144 | | | (0.0060) | (0.0062) | 0.0002 | (3.2) |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH | | | | | | | | | 4.431 | 4.440 | (0.009) | (0.2) |

*Line 11a. MWH Data for Informational Purposes Only
*Line 16 and 18. \$ Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - MAY 2019

| | \$ | | | | MWH | | | | CENTS/KWH | | | |
|---|--------------|--------------|-------------------|--------|-------------|------------|-------------------|--------|-----------|-----------|-------------------|--------|
| | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3) | 490,416,946 | 505,080,795 | (14,663,849) | (2.9) | 14,790,069 | 14,932,670 | (142,602) | (1.0) | 3.3159 | 3.3824 | (0.0665) | (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 | 6,112,498 | 6,016,035 | 96,463 | 1.6 | 0 | 0 | 0 | 0.0 | 0.0000 | 0.0000 | 0.0000 | 0.0 |
| 4 TOTAL COST OF GENERATED POWER | 496,529,444 | 511,096,830 | (14,567,386) | (2.9) | 14,790,069 | 14,932,670 | (142,602) | (1.0) | 3.3572 | 3.4227 | (0.0655) | (1.9) |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7) | 31,077,805 | 10,110,217 | 20,967,588 | 207.4 | 667,265 | 282,287 | 384,978 | 136.4 | 4.6575 | 3.5815 | 1.0760 | 30.0 |
| 6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9) | 0 | 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) | 1,515,153 | 839,598 | 675,555 | 80.5 | 41,090 | 20,788 | 20,302 | 97.7 | 3.6874 | 4.0389 | (0.3515) | (8.7) |
| 8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8) | 41,785,892 | 54,197,811 | (12,411,919) | (22.9) | 1,019,327 | 1,273,651 | (254,325) | (20.0) | 4.0994 | 4.2553 | (0.1559) | (3.7) |
| 9 TOTAL COST OF PURCHASED POWER | 74,378,849 | 65,147,626 | 9,231,223 | 14.2 | 1,727,682 | 1,576,726 | 150,956 | 9.6 | 4.3051 | 4.1318 | 0.1733 | 4.2 |
| 10 TOTAL AVAILABLE MWH | | | | | 16,517,750 | 16,509,396 | 8,354 | 0.1 | | | | |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6) | (2,081,547) | (2,637,856) | 556,309 | (21.1) | (62,305) | (71,847) | 9,542 | (13.3) | 3.3409 | 3.6715 | (0.3306) | (9.0) |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6) | (863,375) | (733,742) | (129,633) | 17.7 | (62,305) | (71,847) | 9,542 | (13.3) | 1.3857 | 1.0213 | 0.3644 | 35.7 |
| 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 | (11,026,500) | (8,409,904) | (2,616,596) | 31.1 | (609,382) | (549,692) | (59,690) | 10.9 | 1.8095 | 1.5299 | 0.2796 | 18.3 |
| 13 TOTAL FUEL COST AND GAINS ON POWER SALES | (13,971,421) | (11,781,502) | (2,189,919) | 18.6 | (671,687) | (621,539) | (50,148) | 8.1 | 2.0800 | 1.8955 | 0.1845 | 9.7 |
| 14 NET INADVERTENT AND WHEELED INTERCHANGE | | | | | 85,340 | 0 | 85,340 | | | | | |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS | 556,936,872 | 564,462,954 | (7,526,082) | (1.3) | 15,931,403 | 15,887,857 | 43,546 | 0.3 | 3.4958 | 3.5528 | (0.0570) | (1.6) |
| 16 NET UNBILLED | 12,785,314 | 15,632,884 | (2,847,570) | (18.2) | (365,729) | (469,327) | 103,598 | (22.1) | 0.0892 | 0.1080 | (0.0188) | (17.4) |
| 17 COMPANY USE | 2,727,628 | 2,384,040 | 343,588 | 14.4 | (78,025) | (66,696) | (11,329) | 17.0 | 0.0190 | 0.0165 | 0.0025 | 15.2 |
| 18 T & D LOSSES | 40,351,396 | 31,062,428 | 9,288,968 | 29.9 | (1,154,268) | (874,313) | (279,955) | 32.0 | 0.2815 | 0.2146 | 0.0669 | 31.2 |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2) | 556,936,872 | 564,462,954 | (7,526,082) | (1.3) | 14,333,382 | 14,477,522 | (144,141) | (1.0) | 3.8856 | 3.8989 | (0.0133) | (0.3) |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES) | (3,150,138) | (2,927,214) | (222,924) | 7.6 | (80,358) | (74,726) | (5,632) | 7.5 | 3.9201 | 3.9173 | 0.0028 | 0.1 |
| 21 JURISDICTIONAL KWH SALES | 553,786,734 | 561,535,740 | (7,749,006) | (1.4) | 14,253,024 | 14,402,797 | (149,773) | (1.0) | 3.8854 | 3.8988 | (0.0134) | (0.3) |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034 | 553,971,359 | 561,709,816 | (7,738,458) | (1.4) | 14,253,024 | 14,402,797 | (149,773) | (1.0) | 3.8867 | 3.9000 | (0.0133) | (0.3) |
| 23 PRIOR PERIOD TRUE-UP | 61,854,548 | 61,854,550 | (2) | 0.0 | 14,253,024 | 14,402,797 | (149,773) | (1.0) | 0.4340 | 0.4295 | 0.0045 | 1.1 |
| 24 TOTAL JURISDICTIONAL FUEL COST | 615,825,907 | 623,564,366 | (7,738,460) | (1.2) | 14,253,024 | 14,402,797 | (149,773) | (1.0) | 4.3207 | 4.3295 | (0.0088) | (0.2) |
| 25 REVENUE TAX FACTOR | | | | | | | | | 1.00072 | 1.00072 | 0.0000 | 0.0 |
| 26 FUEL COST ADJUSTED FOR TAXES | | | | | | | | | 4.3238 | 4.3326 | (0.0088) | (0.2) |
| 27 GPIF | (958,969) | (958,970) | | | 14,253,024 | 14,402,797 | | | (0.0067) | (0.0067) | 0.0000 | 100.0 |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH | | | | | | | | | 4.317 | 4.326 | (0.009) | (0.2) |

*Line 11a. MWH Data for Infomational Purposes Only
*Line 16 and 18. \$ Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MAY 2019

| | CURRENT MONTH | | | | YEAR TO DATE | | | |
|--|---------------|---------------|---------------|---------|----------------|----------------|----------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT |
| A . FUEL COSTS AND NET POWER TRANSACTIONS | | | | | | | | |
| 1 . FUEL COST OF SYSTEM NET GENERATION | \$109,917,691 | 111,397,907 | (\$1,480,216) | (1.3) | \$490,416,946 | \$505,080,795 | (\$14,663,849) | (2.9) |
| 1a. COAL CAR SALE | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| 2 . FUEL COST OF POWER SOLD | (594,272) | (334,110) | (260,162) | 77.9 | (2,081,547) | (2,637,856) | 556,309 | (21.1) |
| 2a. GAIN ON POWER SALES | (343,905) | (92,936) | (250,969) | 270.0 | (863,375) | (733,742) | (129,633) | 17.7 |
| 3 . FUEL COST OF PURCHASED POWER | 13,339,364 | 2,921,807 | 10,417,557 | 356.5 | 31,077,805 | 10,110,217 | 20,967,588 | 207.4 |
| 3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES | 8,882,702 | 11,605,827 | (2,723,125) | (23.5) | 41,785,892 | 54,197,811 | (12,411,919) | (22.9) |
| 4 . ENERGY COST OF ECONOMY PURCHASES | 462,113 | 203,001 | 259,112 | 127.6 | 1,515,153 | 839,598 | 675,555 | 80.5 |
| 5 . TOTAL FUEL & NET POWER TRANSACTIONS | 131,663,692 | 125,701,496 | 5,962,197 | 4.7 | 561,850,874 | 566,856,823 | (5,005,949) | (0.9) |
| 6 . ADJUSTMENTS TO FUEL COST: | | | | | | | | |
| 6a. FUEL COST OF STRATIFIED SALES | (3,314,209) | (2,084,153) | (1,230,056) | 59.0 | (11,026,500) | (8,409,904) | (2,616,596) | 31.1 |
| 6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below) | 1,197,017 | 1,196,828 | 189 | 0.0 | 6,112,498 | 6,016,035 | 96,463 | 1.6 |
| 6c. OTHER - PRIOR PERIOD ADJUSTMENT | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| | | | | | | | | |
| 7 . ADJUSTED TOTAL FUEL & NET PWR TRNS | \$129,546,501 | \$124,814,171 | \$4,732,330 | 3.8 | \$556,936,872 | \$564,462,954 | (\$7,526,082) | (1.3) |
| FOOTNOTE: DETAIL OF LINE 6b ABOVE | | | | | | | | |
| N/A - Not used | \$0 | \$0 | \$0 | | \$0 | \$0 | \$0 | |
| N/A - Not used | 0 | 0 | 0 | | 0 | 0 | 0 | |
| UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion) | 550 | 0 | 550 | | 2,820 | 0 | 2,820 | |
| FPD AGREEMENT TERMINATION | 0 | 0 | 0 | | 0 | 0 | 0 | |
| TANK BOTTOM ADJUSTMENT | 0 | 0 | 0 | | 0 | 0 | 0 | |
| AERIAL SURVEY ADJUSTMENT (Coal Pile) | 0 | 0 | 0 | | 0 | 0 | 0 | |
| FPD AGREEMENT TERMINATION | 1,196,467 | 0 | 1,196,467 | | 6,019,085 | 0 | 6,019,085 | |
| RAIL CAR SALE PROCEEDS | 0 | 0 | 0 | | 0 | 0 | 0 | |
| N/A - Not used | 0 | 0 | 0 | | 0 | 0 | 0 | |
| NET METER SETTLEMENT | 0 | 0 | 0 | | 90,593 | 0 | 90,593 | |
| N/A - Not used | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Derivative Collateral Interest | 0 | 0 | 0 | | 0 | 0 | 0 | |
| SUBTOTAL LINE 6b SHOWN ABOVE | \$1,197,017 | \$0 | \$1,197,017 | | \$6,112,498 | \$0 | \$6,112,498 | |
| | | | | | | | | |
| B. KWH SALES | | | | | | | | |
| 1 . JURISDICTIONAL SALES | 3,185,817,843 | 3,072,144,271 | 113,673,572 | 3.7 | 14,253,024,215 | 14,402,796,640 | (149,772,425) | (1.0) |
| 2 . NON JURISDICTIONAL (WHOLESALE) SALES | 17,654,121 | 17,869,333 | (215,212) | (1.2) | 80,357,798 | 74,725,589 | 5,632,209 | 7.5 |
| 3 . TOTAL SALES | 3,203,471,964 | 3,090,013,603 | 113,458,361 | 3.7 | 14,333,382,013 | 14,477,522,229 | (144,140,216) | (1.0) |
| 4 . JURISDICTIONAL SALES % OF TOTAL SALES | 99.45 | 99.42 | 0.03 | 0.0 | 99.44 | 99.48 | (0.04) | (0.0) |

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MAY 2019

| | CURRENT MONTH | | | | YEAR TO DATE | | | |
|--|-----------------|---------------|--------------|---------|-----------------|---------------|----------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT |
| C. TRUE UP CALCULATION | | | | | | | | |
| 1. JURISDICTIONAL FUEL REVENUE | \$125,936,532 | \$121,845,677 | \$4,090,854 | 3.4 | \$557,804,831 | \$571,235,709 | (\$13,430,877) | (2.4) |
| 2. ADJUSTMENTS: | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| 2a. TRUE UP PROVISION | (12,370,910) | (12,370,910) | 0 | 0.0 | (61,854,548) | (61,854,550) | 2 | 0.0 |
| 2b. INCENTIVE PROVISION | 191,794 | 191,794 | (0) | 0.0 | 958,969 | 958,970 | (1) | 0.0 |
| 3. TOTAL JURISDICTIONAL FUEL REVENUE | 113,757,416 | 109,666,561 | 4,090,855 | 3.7 | 496,909,253 | 510,340,129 | (13,430,876) | (2.6) |
| 4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7) | 129,546,501 | 124,814,171 | 4,732,330 | 3.8 | 556,936,872 | 564,462,954 | (7,526,082) | (1.3) |
| 5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4) | 99.45 | 99.42 | 0.03 | 0.0 | 99.44 | 99.48 | (0.04) | (0.0) |
| 6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00034 LOSS MULTIPLIER) | 128,877,798 | 124,128,717 | 4,749,082 | 3.8 | 553,971,359 | 561,709,816 | (7,738,458) | (1.4) |
| 7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6) | (15,120,383) | (14,462,155) | (658,227) | 4.6 | (57,062,106) | (51,369,687) | (5,692,419) | 11.1 |
| 8. INTEREST PROVISION FOR THE MONTH (LINE D10) | (398,760) | (220,280) | (178,480) | 81.0 | (2,074,497) | (1,146,054) | (928,443) | 81.0 |
| 9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD | (197,013,412) | (136,673,387) | (60,340,025) | 44.2 | (202,879,590) | (148,323,721) | (54,555,869) | 36.8 |
| 10. TRUE UP COLLECTED (REFUNDED) | 12,370,910 | 12,370,910 | (0) | 0.0 | 61,854,548 | 61,854,550 | (2) | 0.0 |
| 11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10) | (200,161,645) | (138,984,912) | (61,176,733) | 44.0 | (200,161,645) | (138,984,912) | (61,176,733) | 44.0 |
| 12. OTHER: | 0 | | | | 0 | | 0 | |
| 13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12) | (\$200,161,645) | (138,984,912) | (61,176,733) | 44.0 | (\$200,161,645) | (138,984,912) | (61,176,733) | 44.0 |
| D. INTEREST PROVISION | | | | | | | | |
| 1. BEGINNING TRUE UP (LINE C9) | (\$197,013,412) | N/A | -- | -- | | | | |
| 2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12) | (199,762,885) | N/A | -- | -- | | | | |
| 3. TOTAL OF BEGINNING & ENDING TRUE UP | (396,776,296) | N/A | -- | -- | | | NOT | |
| 4. AVERAGE TRUE UP (50% OF LINE D3) | (198,388,148) | N/A | -- | -- | | | | |
| 5. INTEREST RATE - FIRST DAY OF REPORTING MONTH | 2.430 | N/A | -- | -- | | | | |
| 6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH | 2.390 | N/A | -- | -- | | | | |
| 7. TOTAL (LINE D5 + LINE D6) | 4.820 | N/A | -- | -- | | | | |
| 8. AVERAGE INTEREST RATE (50% OF LINE D7) | 2.410 | N/A | -- | -- | | | | |
| 9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12) | 0.201 | N/A | -- | -- | | | | |
| 10. INTEREST PROVISION (LINE D4 * LINE D9) | (\$398,760) | N/A | -- | -- | | | | |

A-3 Generating System Comparative Data Report

Final

Report Period :

5/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date:

6/10/2019 6:17:57 PM

| <u>FUEL COST OF SYSTEM</u> | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------------|---------------|------------------|-------------------|-----------------------|
| NET GENERATION (\$) | | | | |
| 1 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 2 - LIGHT OIL | 558,241 | 194,584 | 363,657 | 186.9 % |
| 3 - COAL | 13,253,021 | 20,852,181 | (7,599,160) | (36.4 %) |
| 4 - GAS | 96,106,429 | 90,351,142 | 5,755,287 | 6.4 % |
| 5 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 6 | 0 | 0 | 0 | 0.0 % |
| 7 | 0 | 0 | 0 | 0.0 % |
| 8 - TOTAL (\$) | 109,917,691 | 111,397,907 | (1,480,216) | (1.3 %) |
| SYSTEM NET GENERATION (MWH) | | | | |
| 9 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 10 - LIGHT OIL | 1,130 | 45 | 1,085 | 2412.0 % |
| 11 - COAL | 343,517 | 643,550 | (300,033) | (46.6 %) |
| 12 - GAS | 3,238,581 | 2,850,639 | 387,942 | 13.6 % |
| 13 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 14 - SOLAR | 24,406 | 24,870 | (464) | (1.9 %) |
| 15 | 0 | 0 | 0 | 0.0 % |
| 16 - TOTAL (MWH) | 3,607,634 | 3,519,104 | 88,530 | 2.5 % |
| UNITS OF FUEL BURNED | | | | |
| 17 - HEAVY OIL (BBL) | 0 | 0 | 0 | 0.0 % |
| 18 - LIGHT OIL (BBL) | 4,508 | 1,256 | 3,252 | 258.9 % |
| 19 - COAL (TON) | 156,909 | 287,498 | (130,589) | (45.4 %) |
| 20 - GAS (MCF) | 24,285,821 | 21,410,306 | 2,875,515 | 13.4 % |
| 21 - NUCLEAR (MMBTU) | 0 | 0 | 0 | 0.0 % |
| 22 | 0 | 0 | 0 | 0.0 % |
| 23 | 0 | 0 | 0 | 0.0 % |
| BTUS BURNED (MILLION BTU) | | | | |
| 24 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 25 - LIGHT OIL | 25,914 | 7,319 | 18,595 | 254.1 % |
| 26 - COAL | 3,552,106 | 6,663,355 | (3,111,249) | (46.7 %) |
| 27 - GAS | 24,777,295 | 21,410,306 | 3,366,989 | 15.7 % |
| 28 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 29 | 0 | 0 | 0 | 0.0 % |
| 30 | 0 | 0 | 0 | 0.0 % |
| 31 - TOTAL (MILLION BTU) | 28,355,314 | 28,080,980 | 274,334 | 1.0 % |
| GENERATION MIX (% MWH) | | | | |
| 32 - HEAVY OIL | 0.0 | 0.00 | 0.0 | 0.0 % |
| 33 - LIGHT OIL | 0.0 | 0.00 | 0.0 | 2350.4 % |
| 34 - COAL | 9.5 | 18.29 | (8.8) | (47.9 %) |
| 35 - GAS | 89.8 | 81.00 | 8.8 | 10.8 % |
| 36 - NUCLEAR | 0.0 | 0.00 | 0.0 | 0.0 % |
| 37 - SOLAR | 0.68 | 0.71 | (0.03) | (4.3 %) |
| 38 | 0 | 0 | 0 | 0 |
| 39 - TOTAL (% MWH) | 100.0 | 100.0 | 0.0 | 0.0 % |
| FUEL COST PER UNIT (\$) | | | | |
| 40 - HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0 % |

A-3 Generating System Comparative Data Report

Final

Report Period :

5/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date:

6/10/2019 6:17:57 PM

| <u>FUEL COST OF SYSTEM</u> | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| 41 - LIGHT OIL (\$/BBL) | 123.83 | 154.92 | (31.09) | (20.1 %) |
| 42 - COAL (\$/TON) | 84.46 | 72.53 | 11.93 | 16.5 % |
| 43 - GAS (\$/MCF) | 3.96 | 4.22 | (0.26) | (6.2 %) |
| 44 - NUCLEAR (\$/MBTU) | 0.00 | 0.00 | 0.00 | 0.0 % |
| 45 | 0.00 | 0.00 | 0.00 | 0.0 % |
| 46 | 0.00 | 0.00 | 0.00 | 0.0 % |
| FUEL COST PER MILLION BTU (\$/MILLION BTU) | | | | |
| 47 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 48 - LIGHT OIL | 21.54 | 26.59 | (5.04) | (19.0 %) |
| 49 - COAL | 3.73 | 3.13 | 0.60 | 19.2 % |
| 50 - GAS | 3.88 | 4.22 | (0.34) | (8.1 %) |
| 51 - NUCLEAR | 0.00 | 0.00 | 0.00 | 0.0 % |
| 52 | 0.00 | 0.00 | 0.00 | 0.0 % |
| 53 | 0.00 | 0.00 | 0.00 | 0.0 % |
| 54 - SYSTEM (\$/MBTU) | 3.88 | 3.97 | (0.09) | (2.3 %) |
| BTU BURNED PER KWH (BTU/KWH) | | | | |
| 55 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 56 - LIGHT OIL | 22,924 | 162,644 | (139,720) | (85.9 %) |
| 57 - COAL | 10,340 | 10,354 | (14) | (0.1 %) |
| 58 - GAS | 7,651 | 7,511 | 140 | 1.9 % |
| 59 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 60 | 0 | 0 | 0 | 0.0 % |
| 61 | 0 | 0 | 0 | 0.0 % |
| 62 - SYSTEM (BTU/KWH) | 7,860 | 7,980 | (120) | (1.5 %) |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | |
| 63 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 64 - LIGHT OIL | 49.38 | 432.41 | (383.02) | (88.6 %) |
| 65 - COAL | 3.86 | 3.24 | 0.62 | 19.1 % |
| 66 - GAS | 2.97 | 3.17 | (0.20) | (6.4 %) |
| 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 % |
| 70 - SYSTEM (CENTS/KWH) | 3.05 | 3.17 | (0.12) | (3.8 %) |

A-3 Generating System Comparative Data Report

Report Period :

1/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date:

6/10/2019 6:23:24 PM

| <u>FUEL COST OF SYSTEM</u> | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------------|---------------|------------------|-------------------|-----------------------|
| NET GENERATION (\$) | | | | |
| 1 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 2 - LIGHT OIL | 3,953,754 | 760,555 | 3,193,199 | 419.9 % |
| 3 - COAL | 47,550,726 | 98,778,297 | (51,227,571) | (51.9 %) |
| 4 - GAS | 438,912,466 | 405,541,943 | 33,370,523 | 8.2 % |
| 5 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 6 | 0 | 0 | 0 | 0.0 % |
| 7 | 0 | 0 | 0 | 0.0 % |
| 8 - TOTAL (\$) | 490,416,946 | 505,080,795 | (14,663,849) | (2.9 %) |
| SYSTEM NET GENERATION (MWH) | | | | |
| 9 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 10 - LIGHT OIL | 12,501 | 138 | 12,363 | 8958.5 % |
| 11 - COAL | 1,279,117 | 2,992,292 | (1,713,175) | (57.3 %) |
| 12 - GAS | 13,411,847 | 11,839,761 | 1,572,086 | 13.3 % |
| 13 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 14 - SOLAR | 86,604 | 100,478 | (13,874) | (13.8 %) |
| 15 | 0 | 0 | 0 | 0.0 % |
| 16 - TOTAL (MWH) | 14,790,069 | 14,932,669 | (142,600) | (1.0 %) |
| UNITS OF FUEL BURNED | | | | |
| 17 - HEAVY OIL (BBL) | 0 | 0 | 0 | 0.0 % |
| 18 - LIGHT OIL (BBL) | 33,881 | 3,922 | 29,959 | 763.9 % |
| 19 - COAL (TON) | 592,349 | 1,325,462 | (733,113) | (55.3 %) |
| 20 - GAS (MCF) | 98,253,601 | 86,918,044 | 11,335,557 | 13.0 % |
| 21 - NUCLEAR (MMBTU) | 0 | 0 | 0 | 0.0 % |
| 22 | 0 | 0 | 0 | 0.0 % |
| 23 | 0 | 0 | 0 | 0.0 % |
| BTUS BURNED (MILLION BTU) | | | | |
| 24 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 25 - LIGHT OIL | 194,690 | 22,856 | 171,834 | 751.8 % |
| 26 - COAL | 13,307,519 | 30,836,329 | (17,528,810) | (56.8 %) |
| 27 - GAS | 100,125,136 | 86,918,044 | 13,207,092 | 15.2 % |
| 28 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 29 | 0 | 0 | 0 | 0.0 % |
| 30 | 0 | 0 | 0 | 0.0 % |
| 31 - TOTAL (MILLION BTU) | 113,627,345 | 117,777,229 | (4,149,884) | (3.5 %) |
| GENERATION MIX (% MWH) | | | | |
| 32 - HEAVY OIL | 0.0 | 0.00 | 0.0 | 0.0 % |
| 33 - LIGHT OIL | 0.1 | 0.00 | 0.1 | 9045.9 % |
| 34 - COAL | 8.6 | 20.04 | (11.4) | (56.8 %) |
| 35 - GAS | 90.7 | 79.29 | 11.4 | 14.4 % |
| 36 - NUCLEAR | 0.0 | 0.00 | 0.0 | 0.0 % |
| 37 - SOLAR | 0.59 | 0.67 | (0.09) | (13.0 %) |
| 38 | 0 | 0 | 0 | 0 |
| 39 - TOTAL (% MWH) | 100.0 | 100.0 | 0.0 | 0.0 % |
| FUEL COST PER UNIT (\$) | | | | |
| 40 - HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0 % |

A-3 Generating System Comparative Data Report

Report Period :

1/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date:

6/10/2019 6:23:24 PM

| <u>FUEL COST OF SYSTEM</u> | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| 41 - LIGHT OIL (\$/BBL) | 116.70 | 193.92 | (77.22) | (39.8 %) |
| 42 - COAL (\$/TON) | 80.27 | 74.52 | 5.75 | 7.7 % |
| 43 - GAS (\$/MCF) | 4.47 | 4.67 | (0.20) | (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 % |
| FUEL COST PER MILLION BTU (\$/MILLION BTU) | | | | |
| 47 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 48 - LIGHT OIL | 20.31 | 33.28 | (12.97) | (39.0 %) |
| 49 - COAL | 3.57 | 3.20 | 0.37 | 11.5 % |
| 50 - GAS | 4.38 | 4.67 | (0.28) | (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 % |
| 54 - SYSTEM (\$/MBTU) | 4.32 | 4.29 | 0.03 | 0.6 % |
| BTU BURNED PER KWH (BTU/KWH) | | | | |
| 55 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 56 - LIGHT OIL | 15,574 | 165,623 | (150,049) | (90.6 %) |
| 57 - COAL | 10,404 | 10,305 | 98 | 1.0 % |
| 58 - GAS | 7,465 | 7,341 | 124 | 1.7 % |
| 59 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 60 | 0 | 0 | 0 | 0.0 % |
| 61 | 0 | 0 | 0 | 0.0 % |
| 62 - SYSTEM (BTU/KWH) | 7,683 | 7,887 | (205) | (2.6 %) |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | |
| 63 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 64 - LIGHT OIL | 31.63 | 551.13 | (519.50) | (94.3 %) |
| 65 - COAL | 3.72 | 3.30 | 0.42 | 12.6 % |
| 66 - GAS | 3.27 | 3.43 | (0.15) | (4.5 %) |
| 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 % |
| 70 - SYSTEM (CENTS/KWH) | 3.32 | 3.38 | (0.07) | (2.0 %) |

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date: 6/10/2019 6:25:16 PM

| A) PLANT | (B) NET CAP (MW) | (C) NET GENERATION (MWH) | (D) CAP FAC. | (E) EQUIV AVAIL FAC(%) | (F) NET OUTPUT FAC(%) | (G) AVE NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURN (UNITS) | (J) FUEL HEAT VALUE (MMBTU/UNIT) | (K) FUEL BURNED (MMBTU) | (L) AS BURNED FUEL COST (\$) | (M) FUEL COST PER KWH (CENTS/KWH) | (N) FUEL COST PER UNIT (\$) |
|---------------------------------|---------------------------|-----------------------------------|--------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| Solar | | | | | | | | | | | | | |
| Hamilton Solar Facility | | | | | | | | | | | | | |
| TOTAL HSF 1 | 75 | 20,929.00 | 38 | | | 0 | | | | 0 | 0 | 0.000 | |
| Osceola Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 4 | 657.00 | 22 | | | 0 | | | | 0 | 0 | 0.000 | |
| Perry Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 5 | 863.00 | 23 | | | 0 | | | | 0 | 0 | 0.000 | |
| Suwanee Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 9 | 1,957.00 | 29 | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL Solar | 93 | 24,406.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Steam | | | | | | | | | | | | | |
| Anclote | | | | | | | | | | | | | |
| | | 60,485.00 | | | | | Gas | 673,541 | 1.023 | 689,032 | 2,683,844 | 4.437 | 3.985 |
| TOTAL UNIT 1 | 511 | 60,485.00 | 16 | | | 11,392 | | | | 689,032 | 2,683,844 | 4.437 | |
| | | 135,635.00 | | | | | Gas | 1,469,641 | 1.023 | 1,503,443 | 5,856,045 | 4.318 | 3.985 |
| TOTAL UNIT 2 | 514 | 135,635.00 | 35 | | | 11,084 | | | | 1,503,443 | 5,856,045 | 4.318 | |
| Crystal River 1 & 2 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | | 0.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL UNIT 2 | | 0.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Crystal River 4 & 5 | | | | | | | | | | | | | |
| | | 344,212.00 | | | | | Coal | 156,852 | 22.638 | 3,550,816 | 13,248,207 | 3.849 | 84.463 |
| | | 0.00 | | | | | No 2 | 1,253 | 5.734 | 7,185 | 161,058 | 0.000 | 128.538 |
| TOTAL UNIT 4 | 721 | 344,212.00 | 64 | | | 10,337 | | | | 3,558,000 | 13,409,265 | 3.896 | |
| | | (3.44) | | | | | Coal | 57 | 22.636 | 1,290 | 4,814 | (139.953) | 84.463 |
| | | 0.00 | | | | | No 2 | 2,091 | 5.739 | 12,001 | 268,773 | 0.000 | 128.538 |
| TOTAL UNIT 5 | 721 | (3.44) | | | | 0 | | | | 13,291 | 273,587 | (7,953.110) | |
| TOTAL Steam | 2,467 | 540,329.00 | | | | 10,667 | | | | 5,763,767 | 22,222,740 | 4.000 | |
| Gas Turbine | | | | | | | | | | | | | |
| Bartow Combined Cycle | | | | | | | | | | | | | |
| TOTAL BCC | 1,207 | 640,960.00 | 71 | | | 7,583 | Gas | 4,769,814 | 1.019 | 4,860,440 | 17,153,126 | 2.676 | 3.596 |
| | | 640,960.00 | | | | | | | | 4,860,440 | 17,153,126 | 2.676 | |
| Bartow Peaker | | | | | | | | | | | | | |
| TOTAL BAP | 118 | 2,299.00 | 3 | | | 16,168 | Gas | 36,370 | 1.022 | 37,170 | 144,790 | 6.298 | 3.981 |
| | | 2,299.00 | | | | | | | | 37,170 | 144,790 | 6.298 | |
| Bayboro Peaker | | | | | | | | | | | | | |
| TOTAL BYP | 179 | 52.50 | 0 | | | 10,662 | No 2 | 98 | 5.712 | 560 | 13,696 | 26.087 | 139.751 |
| | | 52.00 | | | | | | | | 560 | 13,696 | 26.087 | |
| Citrus County | | | | | | | | | | | | | |
| TOTAL CCCC | 1,862 | 693,423.00 | 50 | | | 6,968 | Gas | 4,732,300 | 1.021 | 4,831,678 | 25,112,144 | 3.621 | 5.307 |
| | | 693,423.00 | | | | | | | | 4,831,678 | 25,112,144 | 3.621 | |
| Debary Peaker | | | | | | | | | | | | | |
| | | 269.74 | | | | | No 2 | 621 | 5.774 | 3,586 | 71,029 | 26.333 | 114.379 |
| | | 14,631.26 | | | | | Gas | 189,764 | 1.025 | 194,508 | 757,582 | 5.178 | 3.992 |

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date: 6/10/2019 6:25:16 PM

| A) PLANT | (B) NET CAP (MW) | (C) NET GENERATION (MWH) | (D) CAP FAC. | (E) EQUIV AVAIL FAC(%) | (F) NET OUTPUT FAC(%) | (G) AVE NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURN (UNITS) | (J) FUEL HEAT VALUE (MMBTU/UNIT) | (K) FUEL BURNED (MMBTU) | (L) AS BURNED FUEL COST (\$) | (M) FUEL COST PER KWH (CENTS/KWH) | (N) FUEL COST PER UNIT (\$) |
|---------------------------------|---------------------------|-----------------------------------|--------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| TOTAL DEP | 357 | 14,901.00 | 6 | | | 13,294 | | | | 198,094 | 828,611 | 5.561 | |
| Higgins Peaker | | | | | | | Gas | 32,759 | 1.023 | 33,512 | 130,531 | 6.759 | 3.985 |
| TOTAL HGP | 99 | 1,931.10 | 3 | | | 17,354 | | | | 33,512 | 130,531 | 6.759 | |
| Hines Energy | | | | | | | Gas | 8,883,999 | 1.020 | 9,061,679 | 31,718,548 | 2.547 | 3.570 |
| TOTAL HEP | 2,188 | 1,245,474.00 | 77 | | | 7,276 | | | | 9,061,679 | 31,718,548 | 2.547 | |
| Intercession City Peaker | | | | | | | No 2 | 406 | 5.802 | 2,355 | 40,099 | 22.716 | 98.766 |
| | | 176.53 | | | | | Gas | 501,038 | 1.021 | 511,560 | 1,805,858 | 4.710 | 3.604 |
| TOTAL ICP | 946 | 38,338.19 | 5 | | | 13,343 | | | | 513,915 | 1,845,957 | 4.793 | |
| Osprey | | | | | | | Gas | 2,150,065 | 1.019 | 2,190,916 | 7,732,261 | 2.497 | 3.596 |
| TOTAL OSP | 600 | 309,643.00 | 69 | | | 7,076 | | | | 2,190,916 | 7,732,261 | 2.497 | |
| Suwannee Peaker | | | | | | | No 2 | 39 | 5.817 | 227 | 3,587 | 22.774 | 91.968 |
| | | 15.75 | | | | | Gas | 77,127 | 1.022 | 78,824 | 307,044 | 5.611 | 3.981 |
| TOTAL SRP | 203 | 5,472.05 | 4 | | | 14,405 | | | | 79,051 | 310,630 | 5.660 | |
| Tiger Bay Cogen | | | | | | | Gas | 513,611 | 1.018 | 522,856 | 1,845,124 | 2.866 | 3.592 |
| TOTAL TBP | 231 | 64,381.00 | 37 | | | 8,121 | | | | 522,856 | 1,845,124 | 2.866 | |
| Univ of Florida Cogen | | | | | | | No 2 | 0 | 0.000 | 0 | 0 | 0.000 | 0.000 |
| | | 0.00 | | | | | Gas | 255,792 | 1.023 | 261,675 | 859,532 | 3.327 | 3.360 |
| TOTAL UFP | 46 | 25,832.20 | 75 | | | 10,130 | | | | 261,675 | 859,532 | 3.327 | |
| TOTAL Gas Turbine | 8,036 | 3,042,899.00 | | | | 7,424 | | | | 22,591,547 | 87,694,950 | 2.882 | |
| SYSTEM | 10,596 | 3,607,633.88 | | | | 7,860 | | | | 28,355,314 | 109,917,691 | 3.047 | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date: 6/10/2019 6:26:34 PM

| A) PLANT | (B) NET CAP (MW) | (C) NET GENERATION (MWH) | (D) CAP FAC. | (E) EQUIV AVAIL FAC(%) | (F) NET OUTPUT FAC(%) | (G) AVE NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURN (UNITS) | (J) FUEL HEAT VALUE (MMBTU/UNIT) | (K) FUEL BURNED (MMBTU) | (L) AS BURNED FUEL COST (\$) | (M) FUEL COST PER KWH (CENTS/KWH) | (N) FUEL COST PER UNIT (\$) |
|---------------------------------|---------------------------|-----------------------------------|--------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| Solar | | | | | | | | | | | | | |
| Hamilton Solar Facility | | | | | | | | | | | | | |
| TOTAL HSF 1 | 75 | 72,435.00 | 27 | | | 0 | | | | 0 | 0 | 0.000 | |
| Osceola Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 4 | 2,881.00 | 20 | | | 0 | | | | 0 | 0 | 0.000 | |
| Perry Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 5 | 3,513.00 | 19 | | | 0 | | | | 0 | 0 | 0.000 | |
| Suwanee Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 9 | 7,775.00 | 24 | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL Solar | 93 | 86,604.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Steam | | | | | | | | | | | | | |
| Anclote | | | | | | | | | | | | | |
| | | 129,251.00 | | | | | Gas | 1,439,219 | 1.023 | 1,472,647 | 6,149,039 | 4.757 | 4.272 |
| TOTAL UNIT 1 | 511 | 129,251.00 | 7 | | | 11,394 | | | | 1,472,647 | 6,149,039 | 4.757 | |
| | | 534,359.00 | | | | | Gas | 5,881,549 | 1.023 | 6,015,597 | 27,141,955 | 5.079 | 4.615 |
| TOTAL UNIT 2 | 514 | 534,359.00 | 29 | | | 11,258 | | | | 6,015,597 | 27,141,955 | 5.079 | |
| Crystal River 1 & 2 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | | 0.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL UNIT 2 | | 0.00 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Crystal River 4 & 5 | | | | | | | | | | | | | |
| | | 1,099,321.00 | | | | | Coal | 503,116 | 22.475 | 11,307,384 | 40,844,939 | 3.715 | 81.184 |
| | | 0.00 | | | | | No 2 | 8,665 | 5.717 | 49,541 | 1,087,493 | 0.000 | 125.504 |
| TOTAL UNIT 4 | 721 | 1,099,321.00 | 42 | | | 10,331 | | | | 11,356,926 | 41,932,433 | 3.814 | |
| | | 185,018.56 | | | | | Coal | 89,233 | 22.415 | 2,000,135 | 6,705,787 | 3.624 | 75.149 |
| | | 0.00 | | | | | No 2 | 3,446 | 5.724 | 19,726 | 436,470 | 0.000 | 126.660 |
| TOTAL UNIT 5 | 721 | 185,018.56 | 7 | | | 10,917 | | | | 2,019,860 | 7,142,257 | 3.860 | |
| TOTAL Steam | 2,467 | 1,947,950.00 | | | | 10,711 | | | | 20,865,030 | 82,365,683 | 4.000 | |
| Gas Turbine | | | | | | | | | | | | | |
| Avon Park Peaker | | | | | | | | | | | | | |
| | | 143.61 | | | | | No 2 | 423 | 5.816 | 2,460 | 44,094 | 30.703 | 104.241 |
| | | 787.69 | | | | | Gas | 13,216 | 1.021 | 13,494 | 70,836 | 8.993 | 5.360 |
| TOTAL APP | 50 | 931.00 | 1 | | | 17,131 | | | | 15,954 | 114,930 | 12.341 | |
| Bartow Combined Cycle | | | | | | | | | | | | | |
| | | 2,468,390.00 | | | | | Gas | 18,625,149 | 1.017 | 18,932,575 | 75,260,605 | 3.049 | 4.041 |
| TOTAL BCC | 1,207 | 2,468,390.00 | 56 | | | 7,670 | | | | 18,932,575 | 75,260,605 | 3.049 | |
| Bartow Peaker | | | | | | | | | | | | | |
| | | 1,072.22 | | | | | No 2 | 3,260 | 5.712 | 18,621 | 339,193 | 31.635 | 104.047 |
| | | 6,333.78 | | | | | Gas | 107,658 | 1.022 | 109,998 | 487,043 | 7.690 | 4.524 |
| TOTAL BAP | 223 | 7,406.00 | 1 | | | 17,367 | | | | 128,619 | 826,236 | 11.156 | |
| Bayboro Peaker | | | | | | | | | | | | | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date: 6/10/2019 6:26:34 PM

| A) PLANT | (B) NET CAP (MW) | (C) NET GENERATION (MWH) | (D) CAP FAC. | (E) EQUIV AVAIL FAC(%) | (F) NET OUTPUT FAC(%) | (G) AVE NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURN (UNITS) | (J) FUEL HEAT VALUE (MMBTU/UNIT) | (K) FUEL BURNED (MMBTU) | (L) AS BURNED FUEL COST (\$) | (M) FUEL COST PER KWH (CENTS/KWH) | (N) FUEL COST PER UNIT (\$) |
|---------------------------------|---------------------------|--------------------------------------|--------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| TOTAL BYP | 238 | 2,000.70 2,001.00 | 0 | | | 13,773 | No 2 | 4,824 | 5.712 | 27,555 27,555 | 674,130 674,130 | 33.695 33.695 | 139.745 |
| Citrus County | | | | | | | | | | | | | |
| TOTAL CCCC | 1,862 | 4,201,257.00 4,201,257.00 | 62 | | | 6,808 | Gas | 28,020,219 | 1.021 | 28,603,112 28,603,112 | 151,523,239 151,523,239 | 3.607 3.607 | 5.408 |
| Debary Peaker | | | | | | | | | | | | | |
| TOTAL DEP | 582 | 1,687.81 34,034.19 35,722.00 | 2 | | | 13,700 | No 2 Gas | 4,010 455,318 | 5.766 1.024 | 23,123 466,275 489,399 | 458,545 2,033,996 2,492,541 | 27.168 5.976 6.978 | 114.350 4.467 |
| Higgins Peaker | | | | | | | | | | | | | |
| TOTAL HGP | 119 | 3,973.80 3,974.00 | 1 | | | 17,181 | Gas | 66,764 | 1.023 | 68,272 68,272 | 282,193 282,193 | 7.101 7.101 | 4.227 |
| Hines Energy | | | | | | | | | | | | | |
| TOTAL HEP | 2,188 | 5,075,186.00 5,075,186.00 | 64 | | | 7,119 | Gas | 35,490,935 | 1.018 | 36,128,962 36,128,962 | 144,061,812 144,061,812 | 2.839 2.839 | 4.059 |
| Intercession City Peaker | | | | | | | | | | | | | |
| TOTAL ICP | 1,107 | 2,514.48 100,468.05 102,983.00 | 3 | | | 13,314 | No 2 Gas | 5,770 1,311,084 | 5.802 1.020 | 33,477 1,337,598 1,371,075 | 569,821 5,162,116 5,731,937 | 22.662 5.138 5.566 | 98.756 3.937 |
| Osprey | | | | | | | | | | | | | |
| TOTAL OSP | 600 | 550,038.00 550,038.00 | 25 | | | 7,299 | Gas | 3,940,548 | 1.019 | 4,014,537 4,014,537 | 15,099,661 15,099,661 | 2.745 2.745 | 3.832 |
| Suwannee Peaker | | | | | | | | | | | | | |
| TOTAL SRP | 203 | 1,090.05 21,517.55 22,608.00 | 3 | | | 14,280 | No 2 Gas | 2,676 300,671 | 5.817 1.022 | 15,566 307,278 322,845 | 246,105 1,363,119 1,609,224 | 22.577 6.335 7.118 | 91.968 4.534 |
| Tiger Bay Cogen | | | | | | | | | | | | | |
| TOTAL TBP | 231 | 160,386.00 160,386.00 | 19 | | | 8,063 | Gas | 1,270,346 | 1.018 | 1,293,212 1,293,212 | 4,808,829 4,808,829 | 2.998 2.998 | 3.785 |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 5/1/2019

Duke Energy Florida, LLC

Run Date: 6/10/2019 6:26:34 PM

| A) PLANT | (B) NET CAP (MW) | (C) NET GENERATION (MWH) | (D) CAP FAC. | (E) EQUIV AVAIL FAC(%) | (F) NET OUTPUT FAC(%) | (G) AVE NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURN (UNITS) | (J) FUEL HEAT VALUE (MMBTU/UNIT) | (K) FUEL BURNED (MMBTU) | (L) AS BURNED FUEL COST (\$) | (M) FUEL COST PER KWH (CENTS/KWH) | (N) FUEL COST PER UNIT (\$) |
|------------------------------|---------------------------|-----------------------------------|--------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| Univ of Florida Cogen | | | | | | | | | | | | | |
| | | 421.47 | | | | | No 2 | 797 | 5.797 | 4,620 | 97,902 | 23.229 | 122.838 |
| | | 124,212.63 | | | | | Gas | 1,330,925 | 1.023 | 1,361,577 | 5,468,025 | 4.402 | 4.108 |
| TOTAL UFP | 46 | 124,634.00 | 75 | | | 10,962 | | | | 1,366,197 | 5,565,927 | 4.466 | |
| TOTAL Gas Turbine | 8,656 | 12,755,515.00 | | | | 7,272 | | | | 92,762,315 | 408,051,263 | 3.199 | |
| SYSTEM | 11,216 | 14,790,068.59 | | | | 7,683 | | | | 113,627,345 | 490,416,946 | 3.316 | |

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Final
Report Period : 5/1/2019 to 5/1/2019

Run Date: 6/10/2019 6:27:51 PM

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| HEAVY OIL | | | | |
| 1 - PURCHASES | | | | |
| 2 - UNITS (BBL) | 0 | 0 | 0 | 0.0% |
| 3 - UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0% |
| 4 - AMOUNT (\$) | 0 | 0 | 0 | 0.0% |
| 5 - BURNED | | | | |
| 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% |
| 9 - ADJUSTMENTS | | | | |
| 10 - UNITS (BBL) | 0 | | 0 | 0.0% |
| 11 - AMOUNT (\$) | 0 | | 0 | 0.0% |
| 12 - ENDING INVENTORY | | | | |
| 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% |
| LIGHT OIL | | | | |
| 18 - PURCHASES | | | | |
| 19 - UNITS (BBL) | 2,303 | 1,256 | 1,047 | 83.4% |
| 20 - UNIT COST (\$/BBL) | 135.35 | 154.92 | (19.57) | (12.6%) |
| 21 - AMOUNT (\$) | 311,713 | 194,584 | 117,129 | 60.2% |
| 22 - BURNED | | | | |
| 23 - UNITS (BBL) | 4,508 | 1,256 | 3,252 | 258.9% |
| 24 - UNIT COST (\$/BBL) | 123.83 | 154.92 | (31.09) | (20.1%) |
| 25 - AMOUNT (\$) | 558,241 | 194,584 | 363,657 | 186.9% |
| 26 - ADJUSTMENTS | | | | |
| 27 - UNITS (BBL) | 0 | | | |
| 28 - AMOUNT (\$) | 0 | | | |
| 29 - ENDING INVENTORY | | | | |
| 30 - UNITS (BBL) | 665,853 | 714,259 | (48,406) | (6.8%) |
| 31 - UNIT COST (\$/BBL) | 108.91 | 108.87 | 0.04 | 0.0% |
| 32 - AMOUNT (\$) | 72,519,947 | 77,760,783 | (5,240,836) | (6.7%) |
| 33 - | | | | |
| 34 - DAYS SUPPLY | 4,579 | 17,060 | (12,481) | (73.2%) |

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Final
Report Period : 5/1/2019 to 5/1/2019

Run Date: 6/10/2019 6:27:51 PM

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| COAL | | | | |
| 35 - PURCHASES | | | | |
| 36 - UNITS (TON) | 111,305 | 287,498 | (176,193) | (61.3%) |
| 37 - UNIT COST (\$/TON) | 86.89 | 72.53 | 14.36 | 19.8% |
| 38 - AMOUNT (\$) | 9,671,125 | 20,852,181 | (11,181,056) | (53.6%) |
| 39 - BURNED | | | | |
| 40 - UNITS (TON) | 156,909 | 287,498 | (130,589) | (45.4%) |
| 41 - UNIT COST (\$/TON) | 84.46 | 72.53 | 11.93 | 16.5% |
| 42 - AMOUNT (\$) | 13,253,021 | 20,852,181 | (7,599,160) | (36.4%) |
| 43 - ADJUSTMENTS | | | | |
| 44 - UNITS (TON) | 0 | | | |
| 45 - AMOUNT (\$) | 0 | | | |
| 46 - ENDING INVENTORY | | | | |
| 47 - UNITS (TON) | 467,594 | 914,150 | (446,556) | (48.8%) |
| 48 - UNIT COST (\$/TON) | 86.08 | 72.53 | 13.55 | 18.7% |
| 49 - AMOUNT (\$) | 40,250,349 | 66,303,117 | (26,052,768) | (39.3%) |
| 50 - | | | | |
| 51 - DAYS SUPPLY | 92 | 10 | 83 | 868.5% |
| | | | | |
| GAS | | | | |
| 52 - BURNED | | | | |
| 53 - UNITS (MCF) | 24,285,821 | 21,410,306 | 2,875,515 | 13.4% |
| 54 - UNIT COST (\$/MCF) | 3.96 | 4.22 | (0.26) | (6.2%) |
| 55 - AMOUNT (\$) | 96,106,429 | 90,351,142 | 5,755,287 | 6.4% |
| NUCLEAR | | | | |
| 56 - BURNED | | | | |
| 57 - UNITS (MMBTU) | 0 | 0 | 0 | 0.0% |
| 58 - UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.0% |
| 59 - AMOUNT (\$) | 0 | 0 | 0 | 0.0% |

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 5/1/2019

Run Date: 6/10/2019 6:28:39 PM

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| HEAVY OIL | | | | |
| 1 - PURCHASES | | | | |
| 2 - UNITS (BBL) | 0 | 0 | 0 | 0.0% |
| 3 - UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0% |
| 4 - AMOUNT (\$) | 0 | 0 | 0 | 0.0% |
| 5 - BURNED | | | | |
| 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% |
| 9 - ADJUSTMENTS | | | | |
| 10 - UNITS (BBL) | 0 | | 0 | 0.0% |
| 11 - AMOUNT (\$) | 0 | | 0 | 0.0% |
| 12 - ENDING INVENTORY | | | | |
| 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% |
| LIGHT OIL | | | | |
| 18 - PURCHASES | | | | |
| 19 - UNITS (BBL) | 12,815 | 3,922 | 8,893 | 226.7% |
| 20 - UNIT COST (\$/BBL) | 131.27 | 193.92 | (62.65) | (32.3%) |
| 21 - AMOUNT (\$) | 1,682,212 | 760,555 | 921,657 | 121.2% |
| 22 - BURNED | | | | |
| 23 - UNITS (BBL) | 33,881 | 3,922 | 29,959 | 763.9% |
| 24 - UNIT COST (\$/BBL) | 116.70 | 193.92 | (77.22) | (39.8%) |
| 25 - AMOUNT (\$) | 3,953,754 | 760,555 | 3,193,199 | 419.9% |
| 26 - ADJUSTMENTS | | | | |
| 27 - UNITS (BBL) | 0 | | | |
| 28 - AMOUNT (\$) | 0 | | | |
| 29 - ENDING INVENTORY | | | | |
| 30 - UNITS (BBL) | 665,853 | 714,259 | (48,406) | (6.8%) |
| 31 - UNIT COST (\$/BBL) | 108.91 | 108.87 | 0.04 | 0.0% |
| 32 - AMOUNT (\$) | 72,519,947 | 77,760,783 | (5,240,836) | (6.7%) |
| 33 - | | | | |
| 34 - DAYS SUPPLY | 0 | 0 | 0 | 0.0% |

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 5/1/2019

Run Date: 6/10/2019 6:28:39 PM

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| COAL | | | | |
| 35 - PURCHASES | | | | |
| 36 - UNITS (TON) | 434,009 | 1,325,462 | (891,453) | (67.3%) |
| 37 - UNIT COST (\$/TON) | 97.09 | 74.52 | 22.57 | 30.3% |
| 38 - AMOUNT (\$) | 42,139,909 | 98,778,297 | (56,638,388) | (57.3%) |
| 39 - BURNED | | | | |
| 40 - UNITS (TON) | 592,349 | 1,325,462 | (733,113) | (55.3%) |
| 41 - UNIT COST (\$/TON) | 80.27 | 74.52 | 5.75 | 7.7% |
| 42 - AMOUNT (\$) | 47,550,726 | 98,778,297 | (51,227,571) | (51.9%) |
| 43 - ADJUSTMENTS | | | | |
| 44 - UNITS (TON) | 0 | | | |
| 45 - AMOUNT (\$) | 0 | | | |
| 46 - ENDING INVENTORY | | | | |
| 47 - UNITS (TON) | 467,594 | 914,150 | (446,556) | (48.8%) |
| 48 - UNIT COST (\$/TON) | 86.08 | 72.53 | 13.55 | 18.7% |
| 49 - AMOUNT (\$) | 40,250,349 | 66,303,117 | (26,052,768) | (39.3%) |
| 50 - | | | | |
| 51 - DAYS SUPPLY | 0 | 0 | 0 | 0.0% |
| | | | | |
| GAS | | | | |
| 52 - BURNED | | | | |
| 53 - UNITS (MCF) | 98,253,601 | 86,918,044 | 11,335,557 | 13.0% |
| 54 - UNIT COST (\$/MCF) | 4.47 | 4.67 | (0.20) | (4.3%) |
| 55 - AMOUNT (\$) | 438,912,466 | 405,541,943 | 33,370,523 | 8.2% |
| NUCLEAR | | | | |
| 56 - BURNED | | | | |
| 57 - UNITS (MMBTU) | 0 | 0 | 0 | 0.0% |
| 58 - UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.0% |
| 59 - AMOUNT (\$) | 0 | 0 | 0 | 0.0% |

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
May 2019

| (1) | (2) | (3) | (4) | (5) | (6a) | (6b) | (7) | (8) | (9) |
|---|-----------------|----------------------|--------------------------------------|-------------------------------|-----------------|------------------|-------------------|---------------|------------------|
| Sold To | Type & Schedule | Total KWH Sold (000) | KWH Wheeled from Other Systems (000) | KWH from Own Generation (000) | Fuel Cost C/KWH | Total Cost C/KWH | Fuel Adj Total \$ | Total Cost \$ | Gain on Sales \$ |
| ESTIMATED | | 9,655 | | 9,655 | 3.461 | 4.423 | 334,110.00 | 427,046 | 92,936.00 |
| ACTUAL | | | | | | | | | |
| Florida Municipal Power Agency | CR-1 | 1,850 | - | 1,850 | 3.981 | 6.506 | 73,650.00 | 120,353.50 | 46,703.50 |
| Florida Power & Light Company | CR-1 | 11,550 | - | 11,550 | 3.704 | 5.811 | 427,869.23 | 671,148.88 | 243,279.65 |
| New Smyrna Beach | CR-1 | 369 | - | 369 | 3.773 | 6.223 | 13,923.33 | 22,962.73 | 9,039.40 |
| Reedy Creek Improvement District | CR-1 | 360 | - | 360 | 1.866 | 2.538 | 6,716.80 | 9,138.40 | 2,421.60 |
| Tampa Electric Company | CR-1 | 1,010 | - | 1,010 | 3.816 | 5.835 | 38,538.12 | 58,938.18 | 20,400.06 |
| The Energy Authority | Schedule OS | 880 | - | 880 | 3.815 | 6.379 | 33,574.58 | 56,139.18 | 22,564.60 |
| Adjustments | | | | | | | | | |
| PJM Settlements | | | | | | | | (504.21) | (504.21) |
| Subtotal - Gain on Other Power Sales | | 16,019 | - | 16,019 | 3.710 | 5.857 | 594,272.06 | 938,176.66 | 343,904.60 |
| CURRENT MONTH TOTAL | | 16,019 | | 16,019 | 3.710 | 5.857 | 594,272.06 | 938,176.66 | 343,904.60 |
| DIFFERENCE | | 6,364 | | 6,364 | 0.249 | 1.434 | 260,162.06 | 511,130.66 | 250,968.60 |
| DIFFERENCE % | | 65.91 | | 65.91 | 7.19 | 32.41 | 77.87 | 119.69 | 270.04 |
| CUMULATIVE ACTUAL | | 62,305 | | 62,305 | 3.341 | 4.727 | 2,081,546.61 | 2,944,921.17 | 863,374.56 |
| CUMULATIVE ESTIMATED | | 71,848 | | 71,848 | 3.671 | 4.693 | 2,637,856.00 | 3,371,598.00 | 733,742.00 |
| DIFFERENCE | | (9,543) | | (9,543) | -0.331 | 0.034 | (556,309.39) | (426,676.83) | 129,632.56 |
| DIFFERENCE % | | (13.28) | | (13.28) | (9.00) | 0.72 | (21.09) | (12.66) | 17.67 |

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MAY, 2019

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|-----------------------------------|-----------------|---------------------------|-------------------------|-----------------------|--------------------|-----------------|------------------|------------------------------|---------------|
| PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED (000) | KWH FOR UTILITIES (000) | KWH FOR INTERRUPTIBLE | KWH FOR FIRM (000) | FUEL COST C/KWH | TOTAL COST C/KWH | TOTAL AMOUNT FOR FUEL ADJ \$ | FUEL COST \$ |
| ESTIMATED | | 91,085 | | | 91,085 | 3.208 | 3.208 | 2,921,807 | 2,921,807 |
| ACTUAL | | | | | | | | | |
| Shady Hills Power Company, L.L.C. | TOLL | 32,544 | | | 32,544 | 6.173 | 6.173 | 2,009,078.77 | 2,009,078.77 |
| Southern Power Company | Franklin | 153,913 | | | 153,913 | 3.253 | 3.253 | 5,006,756.20 | 5,006,756.20 |
| Vandolah Power Company L.L.C. | TOLL | 119,490 | | | 119,490 | 5.260 | 5.260 | 6,285,006.24 | 6,285,006.24 |
| ADJUSTMENTS | | | | | | | | | |
| Vandolah Power Company L.L.C. | TOLL | 1,876 | | | 1,876 | 0.055 | 0.055 | 1,038.52 | 1,038.52 |
| Shady Hills Power Company, L.L.C. | TOLL | 1,240 | | | 1,240 | 2.619 | 2.619 | 32,469.70 | 32,469.70 |
| Southern Power Company | Franklin | (1) | | | (1) | (501.419) | (501.419) | 5,014.19 | 5,014.19 |
| CURRENT MONTH TOTAL | | 309,062 | | | 309,062 | 4.316 | 4.316 | 13,339,363.62 | 13,339,363.62 |
| DIFFERENCE | | 217,977 | | | 217,977 | 1.108 | 1.108 | 10,417,556.62 | 10,417,556.62 |
| DIFFERENCE % | | 239 | | | 239 | 34.541 | 34.541 | 356.54 | 356.54 |
| CUMULATIVE ACTUAL | | 667,265 | | | 667,265 | 4.657 | 4.657 | 31,077,805.01 | 31,077,805.01 |
| CUMULATIVE ESTIMATED | | 282,287 | | | 282,287 | 3.582 | 3.582 | 10,110,217.00 | 10,110,217.00 |
| DIFFERENCE | | 384,978 | | | 384,978 | 1.076 | 1.076 | 20,967,588.01 | 20,967,588.01 |
| DIFFERENCE % | | 136 | | | 136 | 30.042 | 30.042 | 207.39 | 207.39 |

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MAY, 2019

| (1) PURCHASED FROM | (2) TYPE & SCHEDULE | (3) TOTAL PURCHASED KWH (000) | (4) KWH FOR OTHER UTILITIES (000) | (5) KWH FOR INTERRUPTIBLE (000) | (6) KWH FOR FIRM (000) | (7) ENERGY COST C/KWH | (8) TOTAL COST C/KWH | (9) TOTAL AMOUNT FOR FUEL ADJ \$ |
|--|------------------------------|---|---|---|------------------------------------|--------------------------------|-------------------------------|--|
| ESTIMATED | | 271,457 | - | - | 271,457 | 4.275 | 14.059 | 11,605,826.82 |
| ACTUAL | | | | | | | | |
| Citrus World (CITRUS) | CO-GEN | 16 | | | 16 | 2.526 | 2.526 | 392.01 |
| ADJ | | (0) | | | (0) | | | 6.47 |
| Florida Power Development (FLACRUSH) | CO-GEN | - | | | - | - | 0.000 | - |
| ADJ | | - | | | - | | | - |
| Lake County (LAKCOUNT) | CO-GEN | 765 | | | 765 | 2.571 | 2.571 | 19,665.68 |
| ADJ | | - | | | - | | | (423.21) |
| Lee County (LEECOGAS) | CO-GEN | - | | | - | - | 0.000 | - |
| ADJ | | - | | | - | | | 5,033.34 |
| Metro-Dade County (METRDDAS) | CO-GEN | 1,371 | | | 1,371 | 2.150 | 2.150 | 29,480.12 |
| ADJ | | - | | | - | | | (8,080.30) |
| Orange Cogen (ORANGEAS) | CO-GEN | 1,257 | | | 1,257 | 2.376 | 2.376 | 29,871.29 |
| ADJ | | - | | | - | | | (1,572.14) |
| Orange Cogen (ORANGECO) | CO-GEN | 34,762 | | | 34,762 | 4.271 | 20.403 | 1,484,769.52 |
| ADJ | | - | | | - | | | 6,946.01 |
| Orlando Cogen Limited (ORLACOGL) | CO-GEN | 85,314 | | | 85,314 | 5.533 | 12.400 | 4,720,455.87 |
| ADJ | | 4,131 | | | 4,131 | | | 222,187.02 |
| Pasco County Resource Recovery (PASCOUNT) | CO-GEN | 17,001 | | | 17,001 | 2.491 | 14.345 | 423,528.75 |
| ADJ | | - | | | - | | | (3,898.10) |
| PCS Phosphate (OCSWFCRK) | CO-GEN | 67 | | | 67 | 2.399 | 2.399 | 1,601.87 |
| ADJ | | 47 | | | 47 | | | 1,085.24 |
| Pinellas County Resource Recovery (PINCOUNT) | CO-GEN | 41,792 | | | 41,792 | 2.508 | 13.946 | 1,048,275.62 |
| ADJ | | - | | | - | | | (26,619.94) |
| Polk Power Partners, L.P. (MULBERRY) | CO-GEN | 29,244 | | | 29,244 | 3.082 | 29.490 | 901,300.08 |
| ADJ | | - | | | - | | | 28,696.89 |
| CURRENT MONTH TOTAL | | 215,766 | | | 215,766 | 4.117 | 16.054 | 8,882,702.08 |
| DIFFERENCE | | (55,691) | | | (55,691) | (0.159) | 1.995 | (2,723,124.74) |
| DIFFERENCE % | | (21) | | | (21) | (3.709) | 14.193 | (23.46) |
| CUMULATIVE ACTUAL | | 1,019,326 | | | 1,019,326 | 4.099 | 16.812 | 41,785,891.52 |
| CUMULATIVE ESTIMATED | | 1,273,650 | | | 1,273,650 | 4.255 | 14.681 | 54,197,810.65 |
| CUMULATIVE DIFFERENCE | | (254,324) | | | (254,324) | (0.156) | 2.131 | (12,411,919.13) |
| CUMULATIVE DIFFERENCE % | | (20) | | | (20) | (3.665) | 14.515 | (22.90) |

PROGRESS ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MAY, 2019

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|--|-----------------------|---------------------------|-------------------|------------------------------|-------------------------|----------------------|-----------------|
| PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED (000) | ENERGY COST C/KWH | TOTAL AMOUNT FOR FUEL ADJ \$ | COST IF GENERATED C/KWH | COST IF GENERATED \$ | FUEL SAVINGS \$ |
| ESTIMATED | | 4,694 | 4.325 | 203,001 | 4.852 | 227,717 | 24,716 |
| ACTUAL: | | | | | | | |
| SubTotal - Energy Purchases (Broker) | | - | | - | | - | - |
| SEPA | Hydro | 4,132 | 3.494 | 144,378.79 | 3.494 | 144,378.79 | - |
| Duke Electric Transmission | Transmission Purchase | - | - | - | - | - | \$ - |
| Exelon Generation Company, LLC | InternationalSwapsDe | 985 | 4.241 | \$41,775.00 | 6.222 | \$61,282.37 | \$ 19,507.37 |
| Florida Power & Light Company | Transmission Purchase | | | \$34,614.26 | | | \$ (34,614.26) |
| Florida Power & Light Company | | 5050 | 3.500 | \$176,750.00 | 3.810 | \$192,413.00 | \$ 15,663.00 |
| Morgan Stanley Capital Group Inc. | EEI | 320 | 4.000 | \$12,800.00 | 3.653 | \$11,690.22 | \$ (1,109.78) |
| Tallahassee (City of) | Schedule OS | 270 | 1.080 | \$2,915.00 | 1.627 | \$4,391.70 | \$ 1,476.70 |
| Tampa Electric Company | EEI2 | 1200 | 4.000 | \$48,000.00 | 3.822 | \$45,864.00 | \$ (2,136.00) |
| ADJUSTMENTS | | | | | | | |
| Duke Electric Transmission | | | | 182.39 | | | (182.39) |
| Carolina Power and Light | | | | 1,090.00 | | | (1,090.00) |
| PJM Settlements | | | | (392.75) | | | 392.75 |
| Tampa Electric Company | | | | 0.06 | | | (0.06) |
| SubTotal - Energy Purchases (Non-Broker) | | 11,957 | 3.865 | 462,112.75 | 3.847 | 460,020.08 | (2,092.67) |
| CURRENT MONTH TOTAL | | 11,957 | 3.865 | 462,112.75 | 3.847 | 460,020.08 | (2,092.67) |
| DIFFERENCE | | 7,263 | (0.460) | 259,111.75 | (1.005) | 232,303.08 | (26,808.67) |
| DIFFERENCE % | | 155 | (10.642) | 127.64 | (20.708) | 102.01 | (108.47) |
| CUMULATIVE ACTUAL | | 41,090 | 3.687 | 1,515,153.89 | 3.880 | 1,594,476.50 | 79,322.16 |
| CUMULATIVE ESTIMATED | | 20,788 | 4.039 | 839,598.00 | 5.012 | 1,041,820.00 | 77,506.00 |
| DIFFERENCE | | 20,302 | (0.351) | 675,555.89 | (1.131) | 552,656.50 | 1,816.16 |
| DIFFERENCE % | | 98 | (8.702) | 80.46 | (22.571) | 53.05 | 2.34 |

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2019

| Counterparty | Type | MW | Start Date - End Date | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YTD |
|--|-------|--------|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|--------------------|
| 1 Orange Cogen (ORANGECO) | QF | 74.00 | 7/1/95 - 12/31/24 | 5,600,934 | 5,600,934 | 5,600,934 | 5,600,934 | 5,600,934 | | | | | | | | 28,004,668.90 |
| 2 Orlando Cogen Limited (ORLACOGL) | QF | 79.20 | 9/1/93 - 12/31/23 | 5,636,162 | 5,636,162 | 5,636,162 | 5,636,162 | 5,636,162 | | | | | | | | 28,180,809.60 |
| 3 Pasco County Resource Recovery (PASCOUNT) | QF | 23.00 | 1/1/95 - 12/31/24 | 2,019,170 | 2,019,170 | 2,019,170 | 2,019,170 | 2,019,170 | | | | | | | | 10,095,850.00 |
| 4 Pinellas County Resource Recovery (PINCOUNT) | QF | 54.75 | 1/1/95 - 12/31/24 | 4,806,503 | 4,806,503 | 4,806,503 | 4,806,503 | 4,806,503 | | | | | | | | 24,032,512.50 |
| 5 Polk Power Partners, L.P. (MULBERRY) | QF | 115.00 | 8/1/94 - 8/8/24 | 7,693,916 | 7,693,916 | 7,693,916 | 7,693,916 | 7,693,916 | | | | | | | | 38,469,578.30 |
| 6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN) | QF | 39.60 | 8/1/94 - 1/31/19 | 800,946 | 0 | 0 | 0 | 0 | | | | | | | | 800,945.81 |
| 7 Southern purchase - Franklin | Other | 425 | 6/1/16 - 5/31/21 | 4,611,942 | 4,802,362 | 2,752,978 | 2,755,639 | 2,814,130 | | | | | | | | 17,737,051.06 |
| 8 Retail Wheeling | | | | (45,534) | (8,443) | (35,373) | (39,200) | (57,327) | | | | | | | | (185,877.35) |
| 9 CR-3 Projected Expense | | | | 3,775,626 | 3,753,198 | 3,730,770 | 3,708,343 | 3,685,916 | | | | | | | | 18,653,852.91 |
| 10 ISFSI Return | | | | 573,320 | 573,320 | 573,320 | 573,320 | 573,320 | | | | | | | | 2,866,598.73 |
| 11 Vandolah Capacity Purchase | | | June 2012 - May 2027 | 2,919,279 | 2,891,051 | 1,947,614 | 1,942,582 | 2,793,653 | | | | | | | | 12,494,180.70 |
| 12 Schedule H Capacity Sales - Tallahassee | 1 | -1 | on-going no term date | (48,411) | 0 | (64,548) | 0 | 0 | | | | | | | | (112,959.35) |
| 13 Shady Hills Tolling | 1 | 517 | 4/1/07-4/30/24 | 1,976,940 | 1,976,940 | 1,412,100 | 1,366,200 | 1,912,680 | | | | | | | | 8,644,860.00 |
| 14 RidgeGen Agreement Termination | | | | 0 | 750,770 | 747,221 | 743,672 | 740,123 | | | | | | | | 2,981,786.16 |
| TOTAL | | | | 40,320,791 | 40,495,882 | 36,820,766 | 36,807,240 | 38,219,179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 192,663,858 |