



Stephanie A. Cuello
SENIOR COUNSEL

April 26, 2024

VIA ELECTRONIC FILING

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

Re: *Fuel and Purchased Power Clause with Generating Performance Incentive Factor*; Docket No. 20240001-EI

Dear Mr. Teitzman:

Please find attached for electronic filing, Duke Energy Florida, LLC's Schedules A1 through A9 and A12 for the reporting month of March 2024.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/vr
Attachment

CERTIFICATE OF SERVICE

Docket No. 20240001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 26th day of April, 2024.

s/ Stephanie A. Cuello

Stephanie A. Cuello

| | | |
|--|--|--|
| <p>Suzanne Brownless Ryan Sandy Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us rsandy@psc.state.fl.us</p> <p>J. Wahlen / M. Means / V. Ponder Ausley McMullen Tampa Electric Company P.O. Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com vponder@ausley.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. FIPUG 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p> | <p>W.Trierweiler / P. Christensen / C. Rehwinkel / M. Wessling / O. Ponce/ A. Watrous Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 trierweiler.walt@leg.state.fl.us christensen.patty@leg.state.fl.us rehwinkel.charles@leg.state.fl.us wessling.mary@leg.state.fl.us ponce.octavio@leg.state.fl.us watrous.austin@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com david.lee@fpl.com</p> | <p>Mike Cassel Florida Public Utilities Company 208 Wildlight Avenue Yulee, FL 32097 mcassel@fpuc.com</p> <p>Michelle D. Napier Florida Public Utilities Company 1635 Meathe Drive West Palm Beach, FL 33411 mnapier@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. FPUC 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> <p>James W. Brew / Laura Wynn Baker / Sarah B. Newman Stone Mattheis Xenopoulos & Brew, P.C. PCS Phosphate –White Springs 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com sbn@smxblaw.com</p> <p>Peter J. Mattheis / Michael K. Lavanga / Joseph R. Briscar Stone Mattheis Xenopoulos & Brew, PC NUCOR 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007 pjm@smxblaw.com mkl@smxblaw.com jrb@smxblaw.com</p> |
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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MARCH 2024

| | \$ | | | | MWH | | | | CENTS/KWH | | | |
|---|-------------|-------------|-------------------|---------|-----------|-----------|-------------------|---------|-----------|-----------|-------------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3) | 70,781,873 | 99,717,631 | (28,935,758) | (29.0) | 3,037,389 | 2,931,702 | 105,687 | 3.6 | 2.3304 | 3.4014 | (1.0710) | (31.5) |
| 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 | 1,037,907 | 994,900 | 43,007 | 4.3 | 0 | 0 | 0 | 0.0 | 0.0000 | 0.0000 | 0.0000 | 0.0 |
| 4 TOTAL COST OF GENERATED POWER | 71,819,780 | 100,712,531 | (28,892,750) | (28.7) | 3,037,389 | 2,931,702 | 105,687 | 3.6 | 2.3645 | 3.4353 | (1.0708) | (31.2) |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7) | 1,390,894 | 162,200 | 1,228,694 | 757.5 | 28,867 | 2,100 | 26,767 | 1,274.4 | 4.8183 | 7.7227 | (2.9044) | (37.6) |
| 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) | 170,884 | 379,559 | (208,675) | (55.0) | 5,802 | 6,554 | (752) | (11.5) | 2.9455 | 5.7913 | (2.8458) | (49.1) |
| 8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8) | 2,095,329 | 3,816,015 | (1,720,686) | (45.1) | 104,095 | 103,505 | 590 | 0.6 | 2.0129 | 3.6868 | (1.6739) | (45.4) |
| 9 TOTAL COST OF PURCHASED POWER | 3,657,107 | 4,357,774 | (700,667) | (16.1) | 138,763 | 112,159 | 26,604 | 23.7 | 2.6355 | 3.8854 | (1.2499) | (32.2) |
| 10 TOTAL AVAILABLE MWH | | | | | 3,176,152 | 3,043,861 | 132,291 | 4 | | | | |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6) | (1,156,852) | (1,442,537) | 285,685 | (19.8) | (97,122) | (44,359) | (52,762) | 118.9 | 1.1911 | 3.2519 | (2.0608) | (63.4) |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6) | (672,996) | (373,849) | (299,147) | 80.0 | (97,122) | (44,359) | (52,762) | 118.9 | 0.6929 | 0.8428 | (0.1499) | (17.8) |
| 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 | (772,564) | (2,780,466) | 2,007,903 | (72.2) | (41,877) | (53,769) | 11,892 | (22.1) | 1.8448 | 5.1712 | (3.3264) | (64.3) |
| 13 TOTAL FUEL COST AND GAINS ON POWER SALES | (2,602,412) | (4,596,852) | 1,994,440 | (43.4) | (138,999) | (98,128) | (40,871) | 41.7 | 1.8723 | 4.6846 | (2.8123) | (60.0) |
| 14 NET INADVERTENT AND WHEELED INTERCHANGE | | | | | 19,931 | 0 | 19,931 | | | | | |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS | 72,874,475 | 100,473,452 | (27,598,978) | (27.5) | 3,057,085 | 2,945,733 | 111,351 | 3.8 | 2.3838 | 3.4108 | (1.0270) | (30.1) |
| 16 NET UNBILLED | 5,129,524 | 7,147,753 | (2,018,229) | (28.2) | (215,184) | (209,562) | (5,622) | 2.7 | 0.1882 | 0.2742 | (0.0860) | (31.4) |
| 17 COMPANY USE | 225,939 | 351,419 | (125,480) | (35.7) | (9,478) | (10,303) | 825 | (8.0) | 0.0083 | 0.0135 | (0.0052) | (38.5) |
| 18 T & D LOSSES | 2,559,914 | 4,052,281 | (1,492,367) | (36.8) | (107,388) | (118,807) | 11,418 | (9.6) | 0.0939 | 0.1554 | (0.0615) | (39.6) |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2) | 72,874,475 | 100,473,452 | (27,598,978) | (27.5) | 2,725,035 | 2,607,062 | 117,973 | 4.5 | 2.6743 | 3.8539 | (1.1796) | (30.6) |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES) | (126,748) | (20,344) | (106,403) | 523.0 | (4,740) | (528) | (4,212) | 797.8 | 2.6743 | 3.8539 | (1.1796) | (30.6) |
| 21 JURISDICTIONAL KWH SALES | 72,747,727 | 100,453,108 | (27,705,381) | (27.6) | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 2.6743 | 3.8539 | (1.1796) | (30.6) |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028 | 72,767,764 | 100,493,961 | (27,726,197) | (27.6) | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 2.6750 | 3.8555 | (1.1805) | (30.6) |
| 23 PRIOR PERIOD TRUE-UP | 46,240,813 | 46,240,813 | (0) | 0.0 | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 1.6998 | 1.7740 | (0.0742) | (4.2) |
| 24 TOTAL JURISDICTIONAL FUEL COST | 119,008,576 | 146,734,774 | (27,726,197) | (18.9) | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 4.3748 | 5.6295 | (1.2547) | (22.3) |
| 25 GPIF | 82,213 | 82,213 | (1) | 0.0 | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 0.0030 | 0.0032 | (0.0002) | (6.3) |
| 26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT | 1,796,552 | 2,916,594 | (1,120,042) | (38.4) | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 0.0660 | 0.1119 | (0.0459) | (41.0) |
| 27 CLEAN ENERGY IMPACT (CEI) | 12,197 | (130,736) | 142,933 | (109.3) | 2,720,295 | 2,606,534 | 113,761 | 4.4 | 0.0004 | (0.0050) | 0.0054 | (108.0) |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH | | | | | | | | | 4.444 | 5.740 | (1.295) | (22.6) |

*Line 11a. MWH Data for Infomational Purposes Only

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - MARCH 2024

| | \$ | | | | MWH | | | | CENTS/KWH | | | |
|---|-------------|--------------|----------------------|---------|-----------|-----------|----------------------|--------|-----------|-----------|----------------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3) | 255,010,970 | 315,093,249 | (60,082,279) | (19.1) | 8,858,699 | 8,511,319 | 347,380 | 4.1 | 2.8787 | 3.7020 | (0.8233) | (22.2) |
| 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 | 3,902,419 | 2,986,371 | 916,048 | 30.7 | 0 | 0 | 0 | 0.0 | 0.0000 | 0.0000 | 0.0000 | 0.0 |
| 4 TOTAL COST OF GENERATED POWER | 258,913,389 | 318,079,620 | (59,166,231) | (18.6) | 8,858,699 | 8,511,319 | 347,380 | 4.1 | 2.9227 | 3.7371 | (0.8144) | (21.8) |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7) | 2,584,301 | 858,475 | 1,725,826 | 201.0 | 38,328 | 11,767 | 26,561 | 225.7 | 6.7426 | 7.2955 | (0.5529) | (7.6) |
| 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) | 1,442,643 | 928,632 | 514,010 | 55.4 | 36,096 | 16,859 | 19,238 | 114.1 | 3.9966 | 5.5084 | (1.5118) | (27.5) |
| 8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8) | 10,807,344 | 14,325,760 | (3,518,417) | (24.6) | 353,533 | 373,836 | (20,303) | (5.4) | 3.0570 | 3.8321 | (0.7751) | (20.2) |
| 9 TOTAL COST OF PURCHASED POWER | 14,834,287 | 16,112,867 | (1,278,580) | (7.9) | 427,958 | 402,462 | 25,496 | 6.3 | 3.4663 | 4.0036 | (0.5373) | (13.4) |
| 10 TOTAL AVAILABLE MWH | | | | | 9,286,657 | 8,913,781 | 372,876 | 4.2 | | | | |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6) | (2,788,140) | (4,675,112) | 1,886,972 | (40.4) | (174,805) | (119,260) | (55,545) | 46.6 | 1.5950 | 3.9201 | (2.3251) | (59.3) |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6) | (1,573,590) | (1,211,607) | (361,983) | 29.9 | (174,805) | (119,260) | (55,545) | 46.6 | 0.9002 | 1.0159 | (0.1157) | (11.4) |
| 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 | (4,945,047) | (8,148,612) | 3,203,565 | (39.3) | (194,888) | (141,786) | (53,102) | 37.5 | 2.5374 | 5.7471 | (3.2097) | (55.9) |
| 13 TOTAL FUEL COST AND GAINS ON POWER SALES | (9,306,777) | (14,035,331) | 4,728,554 | (33.7) | (369,693) | (261,045) | (108,647) | 41.6 | 2.5174 | 5.3766 | (2.8592) | (53.2) |
| 14 NET INADVERTENT AND WHEELED INTERCHANGE | | | | | 48,210 | 0 | 48,210 | | | | | |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS | 264,440,899 | 320,157,157 | (55,716,257) | (17.4) | 8,965,174 | 8,652,736 | 312,439 | 3.6 | 2.9496 | 3.7001 | (0.7505) | (20.3) |
| 16 NET UNBILLED | (3,947,377) | (7,421,107) | 3,473,731 | (46.8) | 73,032 | 169,351 | (96,320) | (56.9) | (0.0462) | (0.0880) | 0.0418 | (47.5) |
| 17 COMPANY USE | 1,154,555 | 1,416,925 | (262,370) | (18.5) | (38,095) | (37,992) | (103) | 0.3 | 0.0135 | 0.0168 | (0.0033) | (19.6) |
| 18 T & D LOSSES | 13,882,750 | 12,899,801 | 982,949 | 7.6 | (458,017) | (348,650) | (109,367) | 31.4 | 0.1625 | 0.1529 | 0.0096 | 6.3 |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2) | 264,440,899 | 320,157,157 | (55,716,257) | (17.4) | 8,542,094 | 8,435,445 | 106,649 | 1.3 | 3.0957 | 3.7954 | (0.6997) | (18.4) |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES) | (182,950) | (82,104) | (100,846) | 122.8 | (6,483) | (2,157) | (4,326) | 200.5 | 2.8220 | 3.8056 | (0.9836) | (25.9) |
| 21 JURISDICTIONAL KWH SALES | 264,257,949 | 320,075,052 | (55,817,103) | (17.4) | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 3.0959 | 3.7954 | (0.6995) | (18.4) |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028 | 264,344,468 | 320,205,222 | (55,860,753) | (17.5) | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 3.0970 | 3.7969 | (0.6999) | (18.4) |
| 23 PRIOR PERIOD TRUE-UP | 138,722,438 | 138,722,439 | (1) | 0.0 | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 1.6252 | 1.6449 | (0.0197) | (1.2) |
| 24 TOTAL JURISDICTIONAL FUEL COST | 403,066,906 | 458,927,661 | (55,860,754) | (12.2) | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 4.7222 | 5.4418 | (0.7196) | (13.2) |
| 25 GPIF | 246,638 | 246,639 | (2) | 0.0 | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 0.0029 | 0.0029 | 0.0000 | 100.0 |
| 26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT | 5,252,010 | 8,428,154 | (3,176,144) | (37.7) | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 0.0615 | 0.0999 | (0.0384) | 162.4 |
| 27 CLEAN ENERGY IMPACT (CEI) | 46,748 | (339,421) | 386,170 | (113.8) | 8,535,611 | 8,433,288 | 102,323 | 1.2 | 0.0005 | (0.0040) | 0.0045 | (800.0) |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH | | | | | | | | | 4.787 | 5.541 | (0.754) | (13.6) |

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

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MARCH 2024

| | 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 | \$70,781,873 | 99,717,631 | (\$28,935,758) | (29.0) | \$255,010,970 | \$315,093,249 | (\$60,082,279) | (19.1) |
| 1a. COAL CAR SALE | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| 2 . FUEL COST OF POWER SOLD | (1,156,852) | (1,442,537) | 285,685 | (19.8) | (2,788,140) | (4,675,112) | 1,886,972 | (40.4) |
| 2a. GAIN ON POWER SALES | (672,996) | (373,849) | (299,147) | 80.0 | (1,573,590) | (1,211,607) | (361,983) | 29.9 |
| 3 . FUEL COST OF PURCHASED POWER | 1,390,894 | 162,200 | 1,228,694 | 757.5 | 2,584,301 | 858,475 | 1,725,826 | 201.0 |
| 3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES | 2,095,329 | 3,816,015 | (1,720,686) | (45.1) | 10,807,344 | 14,325,760 | (3,518,417) | (24.6) |
| 4 . ENERGY COST OF ECONOMY PURCHASES | 170,884 | 379,559 | (208,675) | (55.0) | 1,442,643 | 928,632 | 514,010 | 55.4 |
| 5 . TOTAL FUEL & NET POWER TRANSACTIONS | 72,609,131 | 102,259,019 | (29,649,888) | (29.0) | 265,483,528 | 325,319,397 | (59,835,870) | (18.4) |
| 6 . ADJUSTMENTS TO FUEL COST: | | | | | | | | |
| 6a. FUEL COST OF STRATIFIED SALES | (772,564) | (2,780,466) | 2,007,903 | (72.2) | (4,945,047) | (8,148,612) | 3,203,565 | (39.3) |
| 6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below) | 1,037,907 | 994,900 | 43,007 | 4.3 | 3,902,419 | 2,986,371 | 916,048 | 30.7 |
| 6c. OTHER - PRIOR PERIOD ADJUSTMENT | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| 7 . ADJUSTED TOTAL FUEL & NET PWR TRNS | \$72,874,475 | \$100,473,452 | (\$27,598,978) | (27.5) | \$264,440,899 | \$320,157,157 | (\$55,716,257) | (17.4) |

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 | |
| N/A - Not used | 0 | 0 | 0 | | 0 | 0 | 0 | |
| WHOLESALE ALLOCATION ADJUSTMENT | 0 | 0 | 0 | | 0 | 0 | 0 | |
| TANK BOTTOM ADJUSTMENT | 28,367 | 0 | 28,367 | | (25,730) | 0 | (25,730) | |
| AERIAL SURVEY ADJUSTMENT (Coal Pile) | 0 | 0 | 0 | | 0 | 0 | 0 | |
| FPD AGREEMENT TERMINATION | 998,457 | 0 | 998,457 | | 2,999,447 | 0 | 2,999,447 | |
| RAIL CAR SALE PROCEEDS | 0 | 0 | 0 | | 0 | 0 | 0 | |
| CITRUS SETTLEMENT FUEL GIVEBACK | 0 | 0 | 0 | | 0 | 0 | 0 | |
| NET METER SETTLEMENT | 11,082 | 0 | 11,082 | | 928,701 | 0 | 928,701 | |
| CR4 OUTAGE REPLACEMENT POWER | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Derivative Collateral Interest | 0 | 0 | 0 | | 0 | 0 | 0 | |
| SUBTOTAL LINE 6b SHOWN ABOVE | \$1,037,907 | \$0 | \$1,037,907 | | \$3,902,419 | \$0 | \$3,902,419 | |

B. KWH SALES

| | | | | | | | | |
|---|---------------|---------------|-------------|-------|---------------|---------------|-------------|-------|
| 1 . JURISDICTIONAL SALES | 2,720,295,210 | 2,606,533,840 | 113,761,370 | 4.4 | 8,535,610,288 | 8,433,287,747 | 102,322,541 | 1.2 |
| 2 . NON JURISDICTIONAL (WHOLESALE) SALES | 4,739,548 | 527,892 | 4,211,656 | 797.8 | 6,483,020 | 2,157,431 | 4,325,589 | 200.5 |
| 3 . TOTAL SALES | 2,725,034,758 | 2,607,061,732 | 117,973,026 | 4.5 | 8,542,093,308 | 8,435,445,178 | 106,648,130 | 1.3 |
| 4 . JURISDICTIONAL SALES % OF TOTAL SALES | 99.83 | 99.98 | (0.15) | (0.2) | 99.92 | 99.97 | (0.05) | (0.1) |

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MARCH 2024

| | CURRENT MONTH | | | | YEAR TO DATE | | | |
|--|-----------------|---------------|--------------|---------|-----------------|---------------|--------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT | ACTUAL | ESTIMATED | DIFFERENCE | PERCENT |
| C. TRUE UP CALCULATION | | | | | | | | |
| 1. JURISDICTIONAL FUEL REVENUE | \$141,898,771 | \$136,556,308 | \$5,342,463 | 3.9 | \$450,701,297 | \$441,819,945 | \$8,881,352 | 2.0 |
| 2. ADJUSTMENTS: | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| 2a. TRUE UP PROVISION | (46,240,813) | (46,240,813) | 0 | 0.0 | (138,722,438) | (138,722,439) | 1 | 0.0 |
| 2b. INCENTIVE PROVISION | (82,213) | (82,213) | 1 | 0.0 | (246,638) | (246,639) | 2 | 0.0 |
| 2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT | (1,796,552) | (2,916,594) | 1,120,042 | (38.4) | (5,252,010) | (8,428,154) | 3,176,144 | (37.7) |
| 2d. CLEAN ENERGY IMPACT (CEI) | (12,197) | 130,736 | (142,933) | (109.3) | (46,748) | 339,421 | (386,170) | (113.8) |
| 3. TOTAL JURISDICTIONAL FUEL REVENUE | 93,766,997 | 87,447,424 | 6,319,573 | 7.2 | 306,433,463 | 294,762,134 | 11,671,329 | 4.0 |
| 4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7) | 72,874,475 | 100,473,452 | (27,598,978) | (27.5) | 264,440,899 | 320,157,157 | (55,716,257) | (17.4) |
| 5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4) | 99.83 | 99.98 | (0.15) | (0.2) | 99.92 | 99.97 | (0.05) | (0.1) |
| 6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER) | 72,767,764 | 100,493,961 | (27,726,197) | (27.6) | 264,344,468 | 320,205,222 | (55,860,753) | (17.5) |
| 7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6) | 20,999,233 | (13,046,536) | 34,045,769 | (261.0) | 42,088,995 | (25,443,087) | 67,532,082 | (265.4) |
| 8. INTEREST PROVISION FOR THE MONTH (LINE D10) | (1,911,610) | (2,017,277) | 105,667 | (5.2) | (6,525,677) | (6,487,907) | (37,770) | 0.6 |
| 9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD | (465,134,583) | (479,275,307) | 14,140,724 | (3.0) | (574,091,902) | (554,889,752) | (19,202,151) | 3.5 |
| 10. TRUE UP COLLECTED (REFUNDED) | 46,240,813 | 46,240,813 | (0) | 0.0 | 138,722,438 | 138,722,439 | (1) | 0.0 |
| 11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10) | (399,806,147) | (448,098,307) | 48,292,160 | (10.8) | (399,806,147) | (448,098,307) | 48,292,160 | (10.8) |
| 12. OTHER: | 0 | | | | 0 | | 0 | |
| 13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12) | (\$399,806,147) | (448,098,307) | 48,292,160 | (10.8) | (\$399,806,147) | (448,098,307) | 48,292,160 | (10.8) |
| D. INTEREST PROVISION | | | | | | | | |
| 1. BEGINNING TRUE UP (LINE C9) | (\$465,134,583) | N/A | -- | -- | | | | |
| 2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12) | (397,894,538) | N/A | -- | -- | | | | |
| 3. TOTAL OF BEGINNING & ENDING TRUE UP | (863,029,121) | N/A | -- | -- | | | | |
| 4. AVERAGE TRUE UP (50% OF LINE D3) | (431,514,561) | N/A | -- | -- | | | | |
| 5. INTEREST RATE - FIRST DAY OF REPORTING MONTH | 5.290 | N/A | -- | -- | | | | |
| 6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH | 5.330 | N/A | -- | -- | | | | |
| 7. TOTAL (LINE D5 + LINE D6) | 10.620 | N/A | -- | -- | | | | |
| 8. AVERAGE INTEREST RATE (50% OF LINE D7) | 5.310 | N/A | -- | -- | | | | |
| 9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12) | 0.443 | N/A | -- | -- | | | | |
| 10. INTEREST PROVISION (LINE D4 * LINE D9) | (\$1,911,610) | N/A | -- | -- | | | | |

A-3 Generating System Comparative Data Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| <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 | 709,670 | 189,158 | 520,512 | 275.2 % |
| 3 - COAL | 6,280,710 | 6,580,378 | (299,668) | (4.6 %) |
| 4 - GAS | 63,791,494 | 92,948,095 | (29,156,601) | (31.4 %) |
| 5 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 6 | 0 | 0 | 0 | 0.0 % |
| 7 | 0 | 0 | 0 | 0.0 % |
| 8 - TOTAL (\$) | 70,781,873 | 99,717,631 | (28,935,758) | (29.0 %) |
| SYSTEM NET GENERATION (MWH) | | | | |
| 9 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 10 - LIGHT OIL | 931 | 101 | 831 | 825.8 % |
| 11 - COAL | 127,094 | 157,523 | (30,429) | (19.3 %) |
| 12 - GAS | 2,684,938 | 2,488,260 | 196,678 | 7.9 % |
| 13 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 14 - SOLAR | 224,426 | 285,819 | (61,393) | (21.5 %) |
| 15 | 0 | 0 | 0 | 0.0 % |
| 16 - TOTAL (MWH) | 3,037,389 | 2,931,703 | 105,687 | 3.6 % |
| UNITS OF FUEL BURNED | | | | |
| 17 - HEAVY OIL (BBL) | 0 | 0 | 0 | 0.0 % |
| 18 - LIGHT OIL (BBL) | 4,550 | 665 | 3,885 | 584.2 % |
| 19 - COAL (TON) | 64,784 | 68,676 | (3,892) | (5.7 %) |
| 20 - GAS (MCF) | 19,818,094 | 17,562,996 | 2,255,098 | 12.8 % |
| 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 | 26,228 | 3,870 | 22,358 | 577.7 % |
| 26 - COAL | 1,423,690 | 1,579,611 | (155,921) | (9.9 %) |
| 27 - GAS | 20,269,712 | 17,562,996 | 2,706,716 | 15.4 % |
| 28 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 29 | 0 | 0 | 0 | 0.0 % |
| 30 | 0 | 0 | 0 | 0.0 % |
| 31 - TOTAL (MILLION BTU) | 21,719,630 | 19,146,477 | 2,573,153 | 13.4 % |
| GENERATION MIX (% MWH) | | | | |
| 32 - HEAVY OIL | 0.0 | 0.00 | 0.00 | 0.0 % |
| 33 - LIGHT OIL | 0.0 | 0.00 | 0.03 | 790.0 % |
| 34 - COAL | 4.2 | 5.37 | (1.19) | (22.1 %) |
| 35 - GAS | 88.4 | 84.87 | 3.52 | 4.1 % |
| 36 - NUCLEAR | 0.0 | 0.00 | 0.00 | 0.0 % |
| 37 - SOLAR | 7.4 | 9.75 | (2.36) | (24.2 %) |
| 38 | 0.0 | 0 | 0.00 | 0.0 % |

A-3 Generating System Comparative Data Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| | | | | |
|---|--------|--------|----------|----------|
| 39 - TOTAL (% MWH) | 100.0 | 100.0 | 0.00 | 0.0 % |
| FUEL COST PER UNIT (\$) | | | | |
| 40 - HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0 % |
| 41 - LIGHT OIL (\$/BBL) | 155.97 | 284.45 | (128.48) | (45.2 %) |
| 42 - COAL (\$/TON) | 96.95 | 95.82 | 1.13 | 1.2 % |
| 43 - GAS (\$/MCF) | 3.22 | 5.29 | (2.07) | (39.2 %) |
| 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 | 27.06 | 48.88 | (21.82) | (44.6 %) |
| 49 - COAL | 4.41 | 4.17 | 0.25 | 5.9 % |
| 50 - GAS | 3.15 | 5.29 | (2.15) | (40.5 %) |
| 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 % |
| 54 - SYSTEM (\$/MBTU) | 3.26 | 5.21 | (1.95) | (37.4 %) |
| BTU BURNED PER KWH (BTU/KWH) | | | | |
| 55 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 56 - LIGHT OIL | 28,162 | 38,469 | (10,308) | (26.8 %) |
| 57 - COAL | 11,202 | 10,028 | 1,174 | 11.7 % |
| 58 - GAS | 7,549 | 7,058 | 491 | 7.0 % |
| 59 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 60 | 0 | 0 | 0 | 0.0 % |
| 61 | 0 | 0 | 0 | 0.0 % |
| 62 - SYSTEM (BTU/KWH) | 7,151 | 6,531 | 620 | 9.5 % |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | |
| 63 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 64 - LIGHT OIL | 76.20 | 188.03 | (111.83) | (59.5 %) |
| 65 - COAL | 4.94 | 4.18 | 0.76 | 18.3 % |
| 66 - GAS | 2.38 | 3.74 | (1.36) | (36.4 %) |
| 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) | 2.33 | 3.40 | (1.07) | (31.5 %) |

A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| FUEL COST OF SYSTEM | ACTUAL | ESTIMATED | DIFFERENCE | DIFFERENCE (%) |
|------------------------------------|---------------|------------------|-------------------|-----------------------|
| NET GENERATION (\$) | | | | |
| 1 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 2 - LIGHT OIL | 2,584,038 | 821,469 | 1,762,569 | 214.6 % |
| 3 - COAL | 27,339,324 | 39,027,439 | (11,688,115) | (29.9 %) |
| 4 - GAS | 225,087,609 | 275,244,341 | (50,156,732) | (18.2 %) |
| 5 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 6 | 0 | 0 | 0 | 0.0 % |
| 7 | 0 | 0 | 0 | 0.0 % |
| 8 - TOTAL (\$) | 255,010,970 | 315,093,249 | (60,082,279) | (19.1 %) |
| SYSTEM NET GENERATION (MWH) | | | | |
| 9 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 10 - LIGHT OIL | 3,498 | 331 | 3,167 | 958.3 % |
| 11 - COAL | 593,466 | 996,679 | (403,213) | (40.5 %) |
| 12 - GAS | 7,731,502 | 6,800,742 | 930,760 | 13.7 % |
| 13 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 14 - SOLAR | 530,234 | 713,568 | (183,334) | (25.7 %) |
| 15 | 0 | 0 | 0 | 0.0 % |
| 16 - TOTAL (MWH) | 8,858,699 | 8,511,320 | 347,379 | 4.1 % |
| UNITS OF FUEL BURNED | | | | |
| 17 - HEAVY OIL (BBL) | 0 | 0 | 0 | 0.0 % |
| 18 - LIGHT OIL (BBL) | 16,950 | 4,126 | 12,824 | 310.8 % |
| 19 - COAL (TON) | 282,408 | 435,142 | (152,734) | (35.1 %) |
| 20 - GAS (MCF) | 57,136,108 | 48,265,518 | 8,870,590 | 18.4 % |
| 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 | 97,769 | 24,051 | 73,718 | 306.5 % |
| 26 - COAL | 6,325,492 | 10,000,261 | (3,674,769) | (36.7 %) |
| 27 - GAS | 58,535,109 | 48,265,518 | 10,269,591 | 21.3 % |
| 28 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 29 | 0 | 0 | 0 | 0.0 % |
| 30 | 0 | 0 | 0 | 0.0 % |
| 31 - TOTAL (MILLION BTU) | 64,958,370 | 58,289,830 | 6,668,540 | 11.4 % |
| GENERATION MIX (% MWH) | | | | |
| 32 - HEAVY OIL | 0.0 | 0.00 | 0.00 | 0.0 % |
| 33 - LIGHT OIL | 0.0 | 0.00 | 0.04 | 915.2 % |
| 34 - COAL | 6.7 | 11.71 | (5.01) | (42.8 %) |
| 35 - GAS | 87.3 | 79.90 | 7.37 | 9.2 % |
| 36 - NUCLEAR | 0.0 | 0.00 | 0.00 | 0.0 % |
| 37 - SOLAR | 6.0 | 8.38 | (2.40) | (28.6 %) |
| 38 | 0.0 | 0 | 0.00 | 0.0 % |
| 39 - TOTAL (% MWH) | 100.0 | 100.0 | 0.00 | 0.0 % |

A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

FUEL COST PER UNIT (\$)

| | | | | |
|-------------------------|--------|--------|---------|----------|
| 40 - HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.0 % |
| 41 - LIGHT OIL (\$/BBL) | 152.45 | 199.10 | (46.65) | (23.4 %) |
| 42 - COAL (\$/TON) | 96.81 | 89.69 | 7.12 | 7.9 % |
| 43 - GAS (\$/MCF) | 3.94 | 5.70 | (1.76) | (30.9 %) |
| 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 | 26.43 | 34.16 | (7.73) | (22.6 %) |
| 49 - COAL | 4.32 | 3.90 | 0.42 | 10.7 % |
| 50 - GAS | 3.85 | 5.70 | (1.86) | (32.6 %) |
| 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) | 3.93 | 5.41 | (1.48) | (27.4 %) |

BTU BURNED PER KWH (BTU/KWH)

| | | | | |
|-----------------------|--------|--------|----------|----------|
| 55 - HEAVY OIL | 0 | 0 | 0 | 0.0 % |
| 56 - LIGHT OIL | 27,954 | 72,772 | (44,818) | (61.6 %) |
| 57 - COAL | 10,659 | 10,034 | 625 | 6.2 % |
| 58 - GAS | 7,571 | 7,097 | 474 | 6.7 % |
| 59 - NUCLEAR | 0 | 0 | 0 | 0.0 % |
| 60 | 0 | 0 | 0 | 0.0 % |
| 61 | 0 | 0 | 0 | 0.0 % |
| 62 - SYSTEM (BTU/KWH) | 7,333 | 6,849 | 484 | 7.1 % |

GENERATED FUEL COST PER KWH (CENTS/KWH)

| | | | | |
|-------------------------|-------|--------|----------|----------|
| 63 - HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.0 % |
| 64 - LIGHT OIL | 73.88 | 248.55 | (174.67) | (70.3 %) |
| 65 - COAL | 4.61 | 3.92 | 0.69 | 17.6 % |
| 66 - GAS | 2.91 | 4.05 | (1.14) | (28.1 %) |
| 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 % |
| 70 - SYSTEM (CENTS/KWH) | 2.88 | 3.70 | (0.82) | (22.2 %) |

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| 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 Unit 1 | 0.35 | 55.34 | 19 | | | 0 | | | | 0 | 0 | 0.000 | |
| Clearwater Marine Aquarium (Dolphin Solar) | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.25 | 47.58 | 21 | | | 0 | | | | 0 | 0 | 0.000 | |
| John Hopkins Solar | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.825 | 115.42 | 18 | | | 0 | | | | 0 | 0 | 0.000 | |
| Hines Floating Solar | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.75 | 115.52 | 21 | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL Solar | 1,335.9 | 224,425.87 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Steam | | | | | | | | | | | | | |
| Anclote | | 108,679.00 | | | | | Gas | 1,236,614 | 1.022 | 1,263,820 | 4,208,350 | 3.872 | 3.403 |
| TOTAL UNIT 1 | 521 | 108,679.00 | 28 | | | 11,629 | | | | 1,263,820 | 4,208,350 | 3.872 | |
| | | 41,101.00 | | | | | Gas | 493,580 | 1.022 | 504,439 | 1,679,714 | 4.087 | 3.403 |
| TOTAL UNIT 2 | 514 | 41,101.00 | 11 | | | 12,273 | | | | 504,439 | 1,679,714 | 4.087 | |
| Crystal River 4 & 5 | | | | | | | | | | | | | |
| | | 127,094.00 | | | | | Coal | 64,784 | 21.976 | 1,423,690 | 6,280,710 | 4.942 | 96.948 |
| | | 0.00 | | | | | No 2 | 2,825 | 5.783 | 16,336 | 488,027 | 0.000 | 172.753 |
| TOTAL UNIT 4 | 721 | 127,094.00 | 24 | | | 11,330 | | | | 1,440,026 | 6,768,737 | 5.326 | |
| TOTAL Steam | 1,756 | 276,874.00 | | | | 11,588 | | | | 3,208,285 | 12,656,801 | 4.571 | |
| Gas Turbine | | | | | | | | | | | | | |
| Bartow Combined Cycle | | | | | | | | | | | | | |
| | | 527.94 | | | | | No 2 | 717 | 5.713 | 4,096 | 91,457 | 17.323 | 127.555 |
| | | 367,608.06 | | | | | Gas | 2,804,334 | 1.017 | 2,852,008 | 8,174,918 | 2.224 | 2.915 |
| TOTAL BCC | 1,259 | 368,136.00 | 39 | | | 7,758 | | | | 2,856,104 | 8,266,375 | 2.245 | |
| Bartow Peaker | | | | | | | | | | | | | |
| | | 1,821.00 | | | | | Gas | 32,744 | 1.022 | 33,464 | 115,389 | 6.337 | 3.524 |
| TOTAL BAP | 118 | 1,821.00 | 2 | | | 18,377 | | | | 33,464 | 115,389 | 6.337 | |
| Bayboro Peaker | | | | | | | | | | | | | |
| | | 96.20 | | | | | No 2 | 259 | 5.707 | 1,478 | 32,041 | 33.307 | 123.710 |
| TOTAL BYP | 229 | 96.00 | 0 | | | 15,366 | | | | 1,478 | 32,041 | 33.307 | |
| Citrus County | | | | | | | | | | | | | |
| | | 1,100,348.00 | | | | | Gas | 7,326,073 | 1.028 | 7,531,204 | 25,804,018 | 2.345 | 3.522 |
| TOTAL CCCC | 1,854 | 1,100,348.00 | 80 | | | 6,844 | | | | 7,531,204 | 25,804,018 | 2.345 | |
| Debary Peaker | | | | | | | | | | | | | |
| | | 301.48 | | | | | No 2 | 735 | 5.768 | 4,239 | 95,576 | 31.703 | 130.036 |
| | | 2,098.02 | | | | | Gas | 28,839 | 1.023 | 29,502 | 98,088 | 4.675 | 3.401 |
| TOTAL DEP | 191 | 2,400.00 | 2 | | | 14,062 | | | | 33,741 | 193,664 | 8.071 | |
| Hines Energy | | | | | | | | | | | | | |
| | | 734,621.00 | | | | | Gas | 5,275,507 | 1.019 | 5,375,737 | 16,013,373 | 2.180 | 3.035 |
| TOTAL HEP | 2,161 | 734,621.00 | 46 | | | 7,318 | | | | 5,375,737 | 16,013,373 | 2.180 | |
| Intercession City Peaker | | | | | | | | | | | | | |
| | | 5.69 | | | | | No 2 | 14 | 5.625 | 79 | 2,568 | 45.130 | 183.444 |
| | | 15,371.31 | | | | | Gas | 206,932 | 1.028 | 212,725 | 609,346 | 3.964 | 2.945 |
| TOTAL ICP | 658 | 15,377.00 | 3 | | | 13,839 | | | | 212,804 | 611,914 | 3.979 | |
| Osprey | | | | | | | | | | | | | |
| | | 187,259.00 | | | | | Gas | 1,356,107 | 1.024 | 1,388,651 | 3,977,910 | 2.124 | 2.933 |
| TOTAL OSP | 611 | 187,259.00 | 41 | | | 7,416 | | | | 1,388,651 | 3,977,910 | 2.124 | |
| Suwannee Peaker | | | | | | | | | | | | | |
| | | 6,884.20 | | | | | Gas | 95,711 | 1.022 | 97,816 | 325,664 | 4.731 | 3.403 |
| TOTAL SRP | 203 | 6,884.00 | 5 | | | 14,209 | | | | 97,816 | 325,664 | 4.731 | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| 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 (\$) |
|------------------------------|---------------------------|-----------------------------------|-------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| Tiger Bay Cogen | | | | | | | | | | | | | |
| TOTAL TBP | 230 | 82,623.00 | 48 | | | 7,592 | Gas | 616,211 | 1.018 | 627,303 | 1,797,774 | 2.176 | 2.917 |
| Univ of Florida Cogen | | | | | | | | | | | | | |
| TOTAL UFP | 50 | 36,524.30 | 98 | | | 9,666 | Gas | 345,442 | 1.022 | 353,042 | 986,950 | 2.702 | 2.857 |
| TOTAL Gas Turbine | 7,564 | 2,536,089.00 | | | | 7,299 | | | | 18,511,346 | 58,125,073 | 2.292 | 0.000 |
| SYSTEM TOTAL | 10,655.9 | 3,037,388.87 | | | | 7,152 | | | | 21,719,631 | 70,781,874 | 2.330 | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| 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 | | | | | | | | | | | | | |
| Bay Ranch Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 37,313.00 | 23 | | | | | | | | 0 | 0 | 0.000 |
| Bay Trail Solar | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74 | 27,899.00 | 17 | | | | | | | | 0 | 0 | 0.000 |
| Charlie Creek Solar | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 30,025.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Columbia Solar 1 | | | | | | | | | | | | | |
| TOTAL CSF 1 | 74.9 | 30,414.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Debary Solar 1 | | | | | | | | | | | | | |
| TOTAL DSF 1 | 74.5 | 28,432.00 | 18 | | | | | | | | 0 | 0 | 0.000 |
| Duette Solar | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.5 | 31,338.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Fort Green Solar | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74 | 35,268.00 | 22 | | | | | | | | 0 | 0 | 0.000 |
| Hamilton Solar Facility | | | | | | | | | | | | | |
| TOTAL HSF 1 | 74.9 | 32,859.00 | 20 | | | | | | | | 0 | 0 | 0.000 |
| Hardeetown Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 31,389.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| High Springs Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 31,083.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Hildreth Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 31,925.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Lake Placid Solar Facility | | | | | | | | | | | | | |
| TOTAL LKP 1 | 45 | 17,473.00 | 18 | | | | | | | | 0 | 0 | 0.000 |
| Mule Creek Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 17,655.00 | 25 | | | | | | | | 0 | 0 | 0.000 |
| Osceola Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 4 | 1,394.00 | 16 | | | | | | | | 0 | 0 | 0.000 |
| Perry Solar Facility 1 | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 5 | 1,896.00 | 17 | | | | | | | | 0 | 0 | 0.000 |
| Sandy Creek Solar | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 74.9 | 34,958.00 | 22 | | | | | | | | 0 | 0 | 0.000 |
| Santa Fe Solar Facility | | | | | | | | | | | | | |
| TOTAL Unit 1 | 74.9 | 30,361.00 | 19 | | | | | | | | 0 | 0 | 0.000 |
| Suwanee Solar Facility | | | | | | | | | | | | | |
| TOTAL UNIT 1 | 9 | 4,055.00 | 21 | | | | | | | | 0 | 0 | 0.000 |
| Trenton Solar Facility | | | | | | | | | | | | | |
| TOTAL TRN 1 | 74.9 | 27,294.00 | 17 | | | | | | | | 0 | 0 | 0.000 |
| Twin Rivers Solar Facility | | | | | | | | | | | | | |
| TOTAL Unit 1 | 74.9 | 32,665.00 | 20 | | | | | | | | 0 | 0 | 0.000 |
| Winquopin Solar Facility | | | | | | | | | | | | | |
| TOTAL Unit 1 | 74.9 | 13,732.00 | 15 | | | | | | | | 0 | 0 | 0.000 |
| St. Pete Pier | | | | | | | | | | | | | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| 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 Unit 1 | 0.35 | 132.38 | 17 | | | 0 | | | | 0 | 0 | 0.000 | |
| Clearwater Marine Aquarium (Dolphin Solar) | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.25 | 107.10 | 20 | | | 0 | | | | 0 | 0 | 0.000 | |
| John Hopkins Solar | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.825 | 276.18 | 15 | | | 0 | | | | 0 | 0 | 0.000 | |
| Hines Floating Solar | | | | | | | | | | | | | |
| TOTAL Unit 1 | 0.75 | 289.90 | 18 | | | 0 | | | | 0 | 0 | 0.000 | |
| TOTAL Solar | 1,335.9 | 530,233.56 | | | | 0 | | | | 0 | 0 | 0.000 | |
| Steam | | | | | | | | | | | | | |
| Anclote | | 190,588.00 | | | | | Gas | 2,141,403 | 1.023 | 2,191,496 | 8,168,134 | 4.286 | 3.814 |
| TOTAL UNIT 1 | 521 | 190,588.00 | 17 | | | 11,499 | | | | 2,191,496 | 8,168,134 | 4.286 | |
| | | 247,575.00 | | | | | Gas | 2,902,029 | 1.025 | 2,974,263 | 12,413,823 | 5.014 | 4.278 |
| TOTAL UNIT 2 | 514 | 247,575.00 | 22 | | | 12,014 | | | | 2,974,263 | 12,413,823 | 5.014 | |
| Crystal River 4 & 5 | | | | | | | | | | | | | |
| | | 191,567.00 | | | | | Coal | 96,654 | 22.225 | 2,148,095 | 9,365,796 | 4.889 | 96.900 |
| | | 0.00 | | | | | No 2 | 5,261 | 5.782 | 30,422 | 909,406 | 0.000 | 172.858 |
| TOTAL UNIT 4 | 721 | 191,567.00 | 12 | | | 11,372 | | | | 2,178,517 | 10,275,202 | 5.364 | |
| | | 401,899.00 | | | | | Coal | 185,754 | 22.489 | 4,177,397 | 17,973,528 | 4.472 | 96.760 |
| | | 0.00 | | | | | No 2 | 3,496 | 5.782 | 20,215 | 602,911 | 0.000 | 172.457 |
| TOTAL UNIT 5 | 721 | 401,899.00 | 26 | | | 10,444 | | | | 4,197,612 | 18,576,439 | 4.622 | |
| TOTAL Steam | 1,756 | 1,031,629.00 | | | | 11,188 | | | | 11,541,887 | 49,433,599 | 4.792 | |
| Gas Turbine | | | | | | | | | | | | | |
| Bartow Combined Cycle | | | | | | | | | | | | | |
| | | 530.00 | | | | | No 2 | 717 | 5.713 | 4,096 | 91,457 | 17.256 | 127.555 |
| | | 1,343,823.00 | | | | | Gas | 10,178,995 | 1.020 | 10,385,155 | 37,189,527 | 2.767 | 3.654 |
| TOTAL BCC | 1,259 | 1,344,353.00 | 49 | | | 7,728 | | | | 10,389,251 | 37,280,984 | 2.773 | |
| Bartow Peaker | | | | | | | | | | | | | |
| | | 507.92 | | | | | No 2 | 1,576 | 5.712 | 9,002 | 189,927 | 37.393 | 120.512 |
| | | 4,910.08 | | | | | Gas | 71,520 | 1.024 | 73,229 | 288,412 | 5.874 | 4.033 |
| TOTAL BAP | 223 | 5,418.00 | 1 | | | 14,914 | | | | 82,231 | 478,339 | 8.829 | |
| Bayboro Peaker | | | | | | | | | | | | | |
| | | 659.80 | | | | | No 2 | 1,611 | 5.709 | 9,198 | 199,366 | 30.216 | 123.753 |
| TOTAL BYP | 229 | 660.00 | 0 | | | 13,941 | | | | 9,198 | 199,366 | 30.216 | |
| Citrus County | | | | | | | | | | | | | |
| | | 2,918,916.00 | | | | | Gas | 19,270,541 | 1.030 | 19,841,812 | 84,287,853 | 2.888 | 4.374 |
| TOTAL CCCC | 1,854 | 2,918,916.00 | 72 | | | 6,798 | | | | 19,841,812 | 84,287,853 | 2.888 | |
| Debary Peaker | | | | | | | | | | | | | |
| | | 617.59 | | | | | No 2 | 1,442 | 5.772 | 8,323 | 187,641 | 30.383 | 130.126 |
| | | 4,643.61 | | | | | Gas | 61,078 | 1.025 | 62,580 | 250,313 | 5.390 | 4.098 |
| TOTAL DEP | 386 | 5,261.00 | 1 | | | 13,476 | | | | 70,902 | 437,955 | 8.324 | |
| Hines Energy | | | | | | | | | | | | | |
| | | 2,072,235.00 | | | | | Gas | 14,776,566 | 1.022 | 15,094,906 | 55,024,383 | 2.655 | 3.724 |
| TOTAL HEP | 2,161 | 2,072,235.00 | 44 | | | 7,284 | | | | 15,094,906 | 55,024,383 | 2.655 | |
| Intercession City Peaker | | | | | | | | | | | | | |
| | | 1,182.69 | | | | | No 2 | 2,847 | 5.801 | 16,515 | 403,329 | 34.103 | 141.668 |
| | | 44,893.31 | | | | | Gas | 609,617 | 1.028 | 626,867 | 2,214,633 | 4.933 | 3.633 |
| TOTAL ICP | 1,198 | 46,076.00 | 2 | | | 13,963 | | | | 643,382 | 2,617,962 | 5.682 | |

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| 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 (\$) |
|------------------------------|---------------------------|-----------------------------------|-------------------|---------------------------------|--------------------------------|--|---------------------|--------------------------------|---|----------------------------------|---------------------------------------|--|--------------------------------------|
| Osprey | | | | | | | | | | | | | |
| TOTAL OSP | 611 | 492,233.00 | 37 | | | 7,499 | Gas | 3,608,679 | 1.023 | 3,691,265 | 12,627,953 | 2.565 | 3.499 |
| | | 492,233.00 | | | | | | | | 3,691,265 | 12,627,953 | 2.565 | |
| Suwannee Peaker | | | | | | | | | | | | | |
| TOTAL SRP | 203 | 22,836.80 | 5 | | | 13,729 | Gas | 306,065 | 1.024 | 313,536 | 1,264,546 | 5.537 | 4.132 |
| | | 22,837.00 | | | | | | | | 313,536 | 1,264,546 | 5.537 | |
| Tiger Bay Cogen | | | | | | | | | | | | | |
| TOTAL TBP | 230 | 284,491.00 | 57 | | | 7,772 | Gas | 2,166,374 | 1.021 | 2,211,015 | 7,727,677 | 2.716 | 3.567 |
| | | 284,491.00 | | | | | | | | 2,211,015 | 7,727,677 | 2.716 | |
| Univ of Florida Cogen | | | | | | | | | | | | | |
| TOTAL UFP | 50 | 104,355.90 | 96 | | | 10,244 | Gas | 1,043,241 | 1.025 | 1,068,984 | 3,630,353 | 3.479 | 3.480 |
| | | 104,356.00 | | | | | | | | 1,068,984 | 3,630,353 | 3.479 | |
| TOTAL Gas Turbine | 8,404 | 7,296,836.00 | | | | 7,320 | | | | 53,416,483 | 205,577,371 | 2.817 | 0.000 |
| SYSTEM TOTAL | 11,495.9 | 8,858,698.56 | | | | 7,333 | | | | 64,958,370 | 255,010,970 | 2.879 | |

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| HEAVY OIL | | | | |
| 1 - PURCHASES | | | | |
| 2 - UNITS (BBL) | 0 | 0 | 0 | 0.00% |
| 3 - UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00% |
| 4 - AMOUNT (\$) | 0 | 0 | 0 | 0.00% |
| 5 - BURNED | | | | |
| 6 - UNITS (BBL) | 0 | 0 | 0 | 0.00% |
| 7 - UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00% |
| 8 - AMOUNT (\$) | 0 | 0 | 0 | 0.00% |
| 9 - ADJUSTMENTS | | | | |
| 10 - UNITS (BBL) | 0 | | 0 | 0.00% |
| 11 - AMOUNT (\$) | 0 | | 0 | 0.00% |
| 12 - ENDING INVENTORY | | | | |
| 13 - UNITS (BBL) | 0 | 0 | 0 | 0.00% |
| 14 - UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00% |
| 15 - AMOUNT (\$) | 0 | 0 | 0 | 0.00% |
| 16 - | | | | |
| 17 - DAYS SUPPLY | 0 | 0 | 0 | 0.00% |
| LIGHT OIL | | | | |
| 18 - PURCHASES | | | | |
| 19 - UNITS (BBL) | 322 | 665 | (343) | (51.6%) |
| 20 - UNIT COST (\$/BBL) | 185.78 | 284.45 | (98.67) | (34.7%) |
| 21 - AMOUNT (\$) | 59,820 | 189,158 | (129,338) | (68.4%) |
| 22 - BURNED | | | | |
| 23 - UNITS (BBL) | 4,550 | 665 | 3,885 | 584.2% |
| 24 - UNIT COST (\$/BBL) | 155.97 | 284.45 | (128.48) | (45.2%) |
| 25 - AMOUNT (\$) | 709,670 | 189,158 | 520,512 | 275.2% |
| 26 - ADJUSTMENTS | | | | |
| 27 - UNITS (BBL) | (219) | | | |
| 28 - AMOUNT (\$) | (28,367) | | | |
| 29 - ENDING INVENTORY | | | | |
| 30 - UNITS (BBL) | 556,378 | 529,066 | 27,312 | 5.2% |
| 31 - UNIT COST (\$/BBL) | 126.92 | 124.46 | 2.46 | 2.0% |
| 32 - AMOUNT (\$) | 70,613,582 | 65,845,159 | 4,768,423 | 7.2% |
| 33 - | | | | |
| 34 - DAYS SUPPLY | 3,763 | 23,868 | (20,104) | (84.2%) |

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| COAL | | | | |
| 35 - PURCHASES | | | | |
| 36 - UNITS (TON) | 78,177 | 68,676 | 9,501 | 13.8% |
| 37 - UNIT COST (\$/TON) | 98.84 | 95.82 | 3.02 | 3.1% |
| 38 - AMOUNT (\$) | 7,726,688 | 6,580,378 | 1,146,310 | 17.4% |
| 39 - BURNED | | | | |
| 40 - UNITS (TON) | 64,784 | 68,676 | (3,892) | (5.7%) |
| 41 - UNIT COST (\$/TON) | 96.95 | 95.82 | 1.13 | 1.2% |
| 42 - AMOUNT (\$) | 6,280,710 | 6,580,378 | (299,668) | (4.6%) |
| 43 - ADJUSTMENTS | | | | |
| 44 - UNITS (TON) | 0 | | | |
| 45 - AMOUNT (\$) | 0 | | | |
| 46 - ENDING INVENTORY | | | | |
| 47 - UNITS (TON) | 579,116 | 460,231 | 118,885 | 25.8% |
| 48 - UNIT COST (\$/TON) | 96.95 | 105.12 | (8.17) | (7.8%) |
| 49 - AMOUNT (\$) | 56,144,401 | 48,378,047 | 7,766,354 | 16.1% |
| 50 - | | | | |
| 51 - DAYS SUPPLY | 277 | 201 | 76 | 37.8% |
| GAS | | | | |
| 52 - BURNED | | | | |
| 53 - UNITS (MCF) | 19,818,094 | 17,562,996 | 2,255,098 | 12.8% |
| 54 - UNIT COST (\$/MCF) | 3.22 | 5.29 | (2.07) | (39.2%) |
| 55 - AMOUNT (\$) | 63,791,494 | 92,948,095 | (29,156,601) | (31.4%) |
| 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

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| | <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) | 7,449 | 4,126 | 3,323 | 80.5% |
| 20 - UNIT COST (\$/BBL) | 166.46 | 199.10 | (32.64) | (16.4%) |
| 21 - AMOUNT (\$) | 1,239,944 | 821,469 | 418,475 | 50.9% |

22 - BURNED

| | | | | |
|-------------------------|-----------|---------|-----------|---------|
| 23 - UNITS (BBL) | 16,950 | 4,126 | 12,824 | 310.8% |
| 24 - UNIT COST (\$/BBL) | 152.45 | 199.10 | (46.65) | (23.4%) |
| 25 - AMOUNT (\$) | 2,584,038 | 821,469 | 1,762,569 | 214.6% |

26 - ADJUSTMENTS

| | | | | |
|------------------|--------|--|--|--|
| 27 - UNITS (BBL) | 218 | | | |
| 28 - AMOUNT (\$) | 25,730 | | | |

29 - ENDING INVENTORY

| | | | | |
|-------------------------|------------|------------|-----------|------|
| 30 - UNITS (BBL) | 556,378 | 529,066 | 27,312 | 5.2% |
| 31 - UNIT COST (\$/BBL) | 126.92 | 124.46 | 2.46 | 2.0% |
| 32 - AMOUNT (\$) | 70,613,582 | 65,845,159 | 4,768,423 | 7.2% |
| 33 - | | | | |

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2024 to 3/1/2024

Duke Energy Florida, LLC

| | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| 34 - DAYS SUPPLY | 0 | 0 | 0 | 0.0% |
| COAL | | | | |
| 35 - PURCHASES | | | | |
| 36 - UNITS (TON) | 365,983 | 435,142 | (69,159) | (15.9%) |
| 37 - UNIT COST (\$/TON) | 101.73 | 89.69 | 12.04 | 13.4% |
| 38 - AMOUNT (\$) | 37,230,613 | 39,027,439 | (1,796,826) | (4.6%) |
| 39 - BURNED | | | | |
| 40 - UNITS (TON) | 282,408 | 435,142 | (152,734) | (35.1%) |
| 41 - UNIT COST (\$/TON) | 96.81 | 89.69 | 7.12 | 7.9% |
| 42 - AMOUNT (\$) | 27,339,324 | 39,027,439 | (11,688,115) | (29.9%) |
| 43 - ADJUSTMENTS | | | | |
| 44 - UNITS (TON) | 0 | | | |
| 45 - AMOUNT (\$) | 0 | | | |
| 46 - ENDING INVENTORY | | | | |
| 47 - UNITS (TON) | 579,116 | 460,231 | 118,885 | 25.8% |
| 48 - UNIT COST (\$/TON) | 96.95 | 105.12 | (8.17) | (7.8%) |
| 49 - AMOUNT (\$) | 56,144,401 | 48,378,047 | 7,766,354 | 16.1% |
| 50 - | | | | |
| 51 - DAYS SUPPLY | 0 | 0 | 0 | 0.0% |
| GAS | | | | |
| 52 - BURNED | | | | |
| 53 - UNITS (MCF) | 57,136,108 | 48,265,518 | 8,870,590 | 18.4% |
| 54 - UNIT COST (\$/MCF) | 3.94 | 5.70 | (1.76) | (30.9%) |
| 55 - AMOUNT (\$) | 225,087,609 | 275,244,341 | (50,156,732) | (18.2%) |
| 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% |

ATTACHMENT #1
 SCHEDULE A-5
 March 2024

| HEAVY OIL | | |
|-----------|--------|-------|
| UNITS | AMOUNT | |
| 0 | 0 | TOTAL |

| LIGHT OIL | | |
|-----------|----------------|--|
| UNITS | AMOUNT | |
| (219) | \$ (28,367.18) | Tank bottom adjustment - Bartow peaker |
| (219) | \$ (28,367.18) | TOTAL |

| COAL | | |
|-------|--------|-------|
| UNITS | AMOUNT | |
| - | \$ - | TOTAL |

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
MARCH 2024

| (1) | (2) | (3) | (4) | (5) | (6a) | (6b) | (7) | (8) | (9) |
|---|-----------------|----------------------|----------------------------------|-------------------------------|-----------------|------------------|-------------------|----------------|------------------|
| Sold To | Type & Schedule | Total KWH Sold (000) | 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 | | 44,359 | | 44,359 | 3.252 | 4.095 | 1,442,537.00 | 1,816,386 | 373,849.00 |
| ACTUAL | | | | | | | | | |
| Associated Electric Cooperative, Inc. | | 318 | | 318 | 1.129 | 1.310 | 3,590.29 | 4,165.16 | 574.87 |
| Dominion Energy South Carolina, Inc. | | 2,266 | | 2,266 | 0.974 | 1.165 | 22,074.38 | 26,406.83 | 4,332.45 |
| Florida Municipal Power Agency | CR-1 | 3,175 | | 3,175 | 1.266 | 1.699 | 40,205.76 | 53,959.01 | 13,753.25 |
| LGE/KU | | 18,015 | | 18,015 | 0.996 | 1.156 | 179,369.36 | 208,312.79 | 28,943.43 |
| Oglethorpe Power Corporation | | 891 | | 891 | 1.300 | 2.217 | 11,584.24 | 19,751.16 | 8,166.92 |
| Orlando Utilities Commission | Schedule OS | 650 | | 650 | 1.269 | 2.397 | 8,248.53 | 15,579.51 | 7,330.99 |
| PJM Settlements, Inc | MR1 | 713 | | 713 | 1.498 | 4.893 | 10,677.28 | 34,885.28 | 24,208.00 |
| Rainbow Energy Marketing Corporation | | 98 | | 98 | 1.016 | 1.446 | 996.02 | 1,417.10 | 421.08 |
| Reedy Creek Improvement District | CR-1 | 18,420 | | 18,420 | 1.232 | 2.085 | 226,925.84 | 384,099.37 | 157,173.54 |
| Southern Company Services, Inc. | EEI | 4,880 | | 4,880 | 1.150 | 1.320 | 56,112.93 | 64,398.17 | 8,285.25 |
| Tallahassee (City of) | CR-1 | 80 | | 80 | 1.408 | 3.371 | 1,126.57 | 2,697.20 | 1,570.63 |
| Tampa Electric Company | | 25,146 | | 25,146 | 1.395 | 2.923 | 350,786.84 | 735,094.02 | 384,307.18 |
| Tampa Electric Company | | 1,037 | | 1,037 | 1.054 | 1.056 | 10,933.08 | 10,947.57 | 14.50 |
| Tennessee Valley Authority | | 6,808 | | 6,808 | 0.999 | 1.311 | 68,040.54 | 89,228.83 | 21,188.29 |
| The Energy Authority | EEI | 9,267 | | 9,267 | 1.080 | 1.481 | 100,084.51 | 137,274.71 | 37,190.20 |
| The Energy Authority | Schedule OS | 5,845 | | 5,845 | 1.131 | 2.042 | 66,095.75 | 119,363.83 | 53,268.07 |
| Adjustments | | | | | | | | | |
| The Energy Authority | | 13 | | | | | | 261.88 | 261.88 |
| PJM Settlements, Inc | | | | | | | | (40,341.87) | (40,341.87) |
| Southern Company Services, Inc. | | | | | | | | (0.02) | (0.02) |
| Tallahassee (City of) | | (80) | | | | | | (3,600.00) | (3,600.00) |
| Tampa Electric Company | | (500) | | | | | | (24,000.01) | (24,000.01) |
| Tennessee Valley Authority | | | | | | | | 0.02 | 0.02 |
| Duke Energy FL T | | | | | | | | (5,957.92) | (5,957.92) |
| Duke Energy Car T | | | | | | | | (514.62) | (514.62) |
| MEAG T | | | | | | | | (1,919.20) | (1,919.20) |
| SC Public Svc Auth T | | | | | | | | (15.47) | (15.47) |
| Southern Com Serv T | | | | | | | | (4,289.21) | (4,289.21) |
| Dominion Energy SC T | | | | | | | | (21.58) | (21.58) |
| Tallahassee FL (City of) | | 80 | | | | | | 3,600.02 | 3,600.02 |
| Duke Energy Car T | | | | | | | | (934.16) | (934.16) |
| Subtotal - Gain on Other Power Sales | | 97,122 | | 97,609 | 1.191 | 1.884 | 1,156,851.92 | 1,829,848.41 | 672,996.49 |
| CURRENT MONTH TOTAL | | 97,122 | | 97,609 | 1.191 | 1.884 | 1,156,851.92 | 1,829,848.41 | 672,996.49 |
| DIFFERENCE | | 52,762 | | 53,249 | (2.061) | (2.211) | (285,685.08) | 13,462.41 | 299,147.49 |
| DIFFERENCE % | | 118.94 | | 120.04 | (63.37) | (53.99) | (19.80) | 0.74 | 80.02 |
| CUMULATIVE ACTUAL | | 174,805 | | 177,478 | 1.595 | 2.495 | 2,788,139.54 | 4,361,729.61 | 1,573,590.07 |
| CUMULATIVE ESTIMATED | | 119,260 | | 119,260 | 3.920 | 4.936 | 4,675,112.00 | 5,886,719.00 | 1,211,607.00 |
| DIFFERENCE | | 55,545 | | 58,218 | -2.325 | (2.441) | (1,886,972.46) | (1,524,989.39) | 361,983.07 |
| DIFFERENCE % | | 46.57 | | 48.82 | (59.31) | (49.45) | (40.36) | (25.91) | 29.88 |

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MARCH 2024

| (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 (000) | KWH FOR FIRM (000) | FUEL COST C/KWH | TOTAL COST C/KWH | TOTAL AMOUNT FOR FUEL ADJ \$ | FUEL COST \$ |
| ESTIMATED | | 2,100 | | | 2,100 | 7.723 | 7.723 | 162,199.66 | 162,199.66 |
| ACTUAL | | | | | | | | | |
| Shady Hills Power Company, LLC | TOLL | 733 | | | 733 | 16.438 | 16.438 | 120,493.03 | 120,493.03 |
| Vandolah Power Co. LLC (Northern Star) | TOLL | 26,995 | | | 26,995 | 4.598 | 4.598 | 1,241,302.51 | 1,241,302.51 |
| ADJUSTMENTS | | | | | | | | | |
| Shady Hills Power Company, LLC | TOLL | - | | | - | - | - | - | - |
| Vandolah Power Co. LLC (Northern Star) | TOLL | 1,139 | | | 1,139 | 2.555 | 2.555 | 29,098.26 | 29,098.26 |
| CURRENT MONTH TOTAL | | 28,867 | | | 28,867 | 4.818 | 4.818 | 1,390,893.80 | 1,390,893.80 |
| DIFFERENCE | | 26,767 | | | 26,767 | (2.904) | (2.904) | 1,228,694.14 | 1,228,694.14 |
| DIFFERENCE % | | 1,274 | | | 1,274 | (37.609) | (37.609) | 757.52 | 757.52 |
| CUMULATIVE ACTUAL | | 38,328 | | | 38,328 | 6.743 | 6.743 | 2,584,301.000 | 2,584,301.000 |
| CUMULATIVE ESTIMATED | | 11,767 | | | 11,767 | 7.296 | 7.296 | 858,474.61 | 858,474.61 |
| DIFFERENCE | | 26,561 | | | 26,561 | (0.553) | (0.553) | 1,725,826.39 | 1,725,826.39 |
| DIFFERENCE % | | 226 | | | 226 | (7.579) | (7.579) | 201.03 | 201.03 |

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MARCH 2024

| (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 | | 103,505 | | | 103,505 | 3.687 | 29.140 | 3,816,015.29 |
| ACTUAL | | | | | | | | |
| Lake County (LAKCOUNT) ADJ | CO-GEN | 338 - | | | 338 - | 1.792 | 1.792 | 6,055.33 (5,609.68) |
| G2 Energy Marion County LLC ADJ | CO-GEN | 21 - | | | 21 - | 1.704 | 1.704 | 357.84 (33.60) |
| Orange Cogen (ORANGEAS) ADJ | CO-GEN | 1,564 - | | | 1,564 - | 2 | 1.923 | 30,074.82 (22,711.94) |
| Orange Cogen (ORANGECO) ADJ | CO-GEN | 30,991 - | | | 30,991 - | 5 | 28.519 | 1,666,835.35 (13,135.81) |
| Pasco County Resource Recovery (PASCOUNT) ADJ | CO-GEN | 14,687 - | | | 14,687 - | 1.731 | 19.306 | 254,243.23 (168,237.91) |
| PCS Phosphate (OCSWFCRK) ADJ | CO-GEN | 15 15 | | | 15 15 | 1.356 | 1.356 | 208.84 203.01 |
| Pinellas County Resource Recovery (PINCOUNT) ADJ | CO-GEN | 20,660 - | | | 20,660 - | 1.724 | 31.313 | 356,238.80 (431,764.97) |
| Polk Power Partners, L.P. (MULBERRY) ADJ | CO-GEN | 35,803 - | | | 35,803 - | 2.082 | 28.737 | 745,445.77 (322,839.88) |
| CURRENT MONTH TOTAL | | 104,095 | | | 104,095 | 2.013 | 27.322 | 2,095,329.20 |
| DIFFERENCE | | 590 | | | 590 | (1.674) | (1.818) | (1,720,686.09) |
| DIFFERENCE % | | 0.57 | | | 0.57 | (45.40) | (6.24) | (45.09) |
| CUMULATIVE ACTUAL | | 353,533 | | | 353,533 | 3.057 | 25.021 | 10,807,343.52 |
| CUMULATIVE ESTIMATED | | 373,836 | | | 373,836 | 3.832 | 24.974 | 14,325,760.25 |
| CUMULATIVE DIFFERENCE | | (20,303) | | | (20,303) | (0.775) | 0.048 | (3,518,416.73) |
| CUMULATIVE DIFFERENCE % | | (5.43) | | | (5.43) | (20.23) | 0.19 | (24.56) |

**DUKE ENERGY FLORIDA, LLC
SCHEDULE A9**

**ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MARCH 2024**

| (1) | (2) TYPE & & SCHEDULE | (3) TOTAL KWH PURCHASED (000) | (4) ENERGY COST C/KWH | (5) TOTAL AMOUNT FOR FUEL ADJ \$ | (6) COST IF GENERATED C/KWH | (7) COST IF GENERATED \$ | (8) FUEL SAVINGS \$ |
|--|--------------------------------|--|--------------------------------|---|--------------------------------------|-----------------------------------|------------------------------|
| PURCHASED FROM | | | | | | | |
| ESTIMATED | | 6,554 | 5.791 | 379,559.03 | 6.505 | 426,343.00 | 46,783.97 |
| ACTUAL: | | | | | | | |
| SubTotal - Energy Purchases (Broker) | | | | | | | |
| SEPA | | 24 | 3.487 | 823.21 | 3.487 | 823.21 | - |
| Constellation Energy Generation, LLC | InternationalSwapsDe | 300 | 2.400 | 7,200.00 | 2.416 | 7,247.01 | 47.01 |
| Dominion Energy South Carolina, Inc. | | 25 | 1.433 | 358.17 | 0.975 | 243.74 | (114.43) |
| Duke Electric Transmission | Transmission Purchase | - | 0.000 | 1,375.50 | 0.000 | - | (1,375.50) |
| Macquarie Energy LLC | | 420 | 3.000 | 12,600.00 | 1.872 | 7,862.40 | (4,737.60) |
| NCEMC | | 38 | 1.439 | 546.95 | 0.984 | 374.02 | (172.93) |
| Oglethorpe Power Corporation | | 825 | 0.959 | 7,910.98 | 1.150 | 9,489.83 | 1,578.85 |
| Southern Company Services, Inc. | EEl | 2,154 | 2.162 | 46,567.19 | 1.445 | 31,119.31 | (15,447.88) |
| Southern Company Services, Inc. Transmission | Transmission Purchase | - | 0.000 | 8,582.40 | 0.000 | - | (8,582.40) |
| Tampa Electric Company | | 1,913 | 1.144 | 21,891.15 | 1.195 | 22,851.55 | 960.40 |
| Tennessee Valley Authority Transmission | Transmission Purchase | - | 0.000 | 2,662.14 | 0.000 | - | (2,662.14) |
| The Energy Authority | EEl | 103 | 1.400 | 1,441.76 | 1.550 | 1,596.32 | 154.56 |
| ADJUSTMENTS | | | | | | | |
| PJM Settlement Inc. | | | | 40,853.86 | | | (40,853.86) |
| Southern Company Services, Inc. | | | | 18.49 | | | (18.49) |
| Tampa Electric Company | | | | 14,919.51 | | | (14,919.51) |
| Tennessee Valley Authority Transmission | | | | 3,095.23 | | | (3,095.23) |
| South Carolina Public Service Authority | | | | 15.47 | | | (15.47) |
| Dominion Energy South Carolina, Inc. | | | | 21.58 | | | (21.58) |
| SubTotal - Energy Purchases (Non-Broker) | | | | | | | |
| | | 5,802 | 2.945 | 170,883.59 | 1.407 | 81,607.39 | (89,276.20) |
| CURRENT MONTH TOTAL | | 5,802 | 2.945 | 170,883.59 | 1.407 | 81,607.39 | (89,276.20) |
| DIFFERENCE | | (752) | (2.846) | (208,675.44) | (5.098) | (344,735.61) | (136,060.17) |
| DIFFERENCE % | | (11) | (49.140) | (54.98) | (78.376) | (80.86) | (290.83) |
| CUMULATIVE ACTUAL | | 36,096 | 3.997 | 1,442,642.67 | 4.209 | 1,519,282.97 | 76,640.30 |
| CUMULATIVE ESTIMATED | | 16,859 | 5.508 | 928,632.40 | 5.155 | 869,103.00 | (59,529.40) |
| DIFFERENCE | | 19,238 | (1.512) | 514,010.27 | (0.946) | 650,179.97 | 136,169.70 |
| DIFFERENCE % | | 114 | (27.444) | 55.35 | (18.356) | 74.81 | (228.74) |

