

Proudly Celebrating 90 Years of Energy Excellence.

P.O. Box 3395 West Palm Beach, Florida 33402-3395

February 17, 2017

Ms. Carlotta Stauffer, Director Commission Clerk and Administrative Services Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, Florida 32399-0950

Re: Docket No. 160001-EI
CONTINUING SURVEILLANCE AND REVIEW OF FUEL COST
RECOVERY CLAUSES OF ELECTRIC UTILITIES

Dear Ms. Stauffer:

We are enclosing the January 2017 Fuel Schedules for our Consolidated Electric Florida divisions.

The under-recovery is higher than expected primarily due to fuel revenues being lower than projected.

If you have any questions, please contact me at  $\underline{\text{cyoung@fpuc.com}}$  or Michael Cassel at  $\underline{\text{mcassel@fpuc.com}}$ .

Sincerely,

Curtis D. Young/

Regulatory Analyst

Enclosure

Cc:

FPSC Beth Keating

Buddy Shelley (no enclosure)

SJ 80-441

#### SCHEDULE A1 PAGE 1 OF 2

# COMPARISON OF ESTIMATED AND ACTUAL FUEL AND PURCHASED POWER COST RECOVERY FACTOR MONTH: JANUARY 2017

| 1         | Fuel Cost of System Net Generation (A3)  |
|-----------|--|
| 2         | Nuclear Fuel Disposal Cost (A13) FPL Interconnect  |
| 4         | Adjustments to Fuel Cost (A2, Page 1)  |
| 5         | TOTAL COST OF GENERATED POWER  |
| 6         | Fuel Cost of Purchased Power (Exclusive of Economy) (A8)   |
| 7         | Energy Cost of Sched C & X Econ Purch (Broker)(A9)   |
| 8         | Energy Cost of Other Econ Purch (Non-Broker)(A9)   |
| 9         | Energy Cost of Sched E Economy Purch (A9) Demand and Non Fuel Cost of Purchased Power (A9)                     |
| 11        | Energy Payments to Qualifying Facilities (A8a)   |
| 12        | TOTAL COST OF PURCHASED POWER  |
|           | 13 TOTAL AVAILABLE MWH (LINE 5 + LINE 12)  |
| 14        | Fuel Cost of Economy Sales (A7)  |
| 15        | Gain on Economy Sales (A7a)  |
| 16        | Fuel Cost of Unit Power Sales (SL2 Partpts)(A7)  |
| 18        | 17 Fuel Cost of Other Power Sales (A7)<br>TOTAL FUEL COST AND GAINS OF POWER SALES<br>(LINE 14 + 15 + 16 + 17) |
| 19        | NET INADVERTENT INTERCHANGE (A10)  |
| 20a       | 20 LESS GSLD APPORTIONMENT OF FUEL COST<br>TOTAL FUEL AND NET POWER TRANSACTIONS<br>(LINES 5 + 12 + 18 + 19)   |
| 21        | Net Unbilled Sales (A4)  |
| 22        | Company Use (A4)   |
| 23        | T & D Losses (A4)  |
| 24        | SYSTEM KWH SALES   |
| 25        | Wholesale KWH Sales  |
| 26        | Jurisdictional KWH Sales   |
| 26a<br>27 | Jurisdictional Loss Multiplier Jurisdictional KWH Sales Adjusted for   |
| 21        | Line Losses  |
| 28        | GPIF**   |
| 29        | TRUE-UP**  |
| 30        | TOTAL JURISDICTIONAL FUEL COST (Excluding GSLD Apportionment)  |
| 31        | Revenue Tax Factor   |
| 32        | Fuel Factor Adjusted for Taxes   |
| 33        | FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)   |

<sup>\*</sup>Included for Informational Purposes Only
\*\*Calculation Based on Jurisdictional KWH Sales

|                                       | DOLLARS                            |                                 |                           |                         | MWH                  |                            |                            |                                 | CENTS/KWH                       |                                 |                  |
|---------------------------------------|------------------------------------|---------------------------------|---------------------------|-------------------------|----------------------|----------------------------|----------------------------|---------------------------------|---------------------------------|---------------------------------|------------------|
| ACTUAL                                | ESTIMATED                          | DIFFERENC<br>AMOUNT             | E %                       | ACTUAL                  | ESTIMATED            | DIFFERENCE<br>AMOUNT       | %                          | ACTUAL                          | ESTIMATED                       | DIFFEF<br>AMOUNT                | RENCE<br>%       |
|                                       |                                    |                                 |                           | 0                       | 0                    | 0                          | 0.0%                       | 0.00000                         | 0.00000                         | 0.00000                         | 0.0              |
| 5,918                                 | 10,000                             | (4,082)                         | -40.8%                    |                         |                      |                            |                            |                                 |                                 |                                 |                  |
| 5,918                                 | 10,000                             | 0<br>(4,082)                    | 0.0%<br>-40.8%            | 0                       | 0                    | 0                          | 0.0%                       | 0.00000                         | 0.00000                         | 0.00000                         | 0.0              |
| 1,486,096                             | 2,112,568                          | (626,472)                       | -29.7%                    | 32,942                  | 41,046               | (8,104)                    | -19.7%                     | 4.51125                         | 5.14683                         | (0.63558)                       | -12.4            |
| 2,272,507                             | 2,494,383                          | (221,876)                       | -8.9%                     | 32,942                  | 41,046               | (8,104)                    | -19.7%                     | 6.89851                         | 6.07704                         | 0.82147                         | 13.5             |
| 1,600,716                             | 1,170,781                          | 429,935                         | 36.7%                     | 1,558                   | 16,467               | (14,909)                   | -90.5%                     | 102.74317                       | 7.10986                         | 95.63331                        | 1345.            |
| 5,365,237                             | 5,787,732                          | (422,494)                       | -7.3%                     | 34,500                  | 57,513               | (23,013)                   | -40.0%                     | 15.55142                        | 10.06335                        | 5.48807                         | 54.              |
|                                       |                                    |                                 |                           | 34,500                  | 57,513               | (23,013)                   | -40.0%                     |                                 |                                 |                                 |                  |
| 0                                     | 0                                  | 0                               | 0.0%                      | 0                       | 0                    | 0                          | 0.0%                       | 0.00000                         | 0.00000                         | 0.00000                         | 0.0              |
| 107,393<br>5,263,763                  | 432,030<br>5,365,702               | (324,637)<br>(101,939)          | -50.0%<br>-1.9%           | 0<br>34,500             | 0<br>57,513          | 0<br>(23,013)              | 0.0%<br>-40.0%             | 15.25729                        | 9.32955                         | 5.92774                         | 63.              |
| (2,378,981) *<br>5,553 *<br>315,826 * | (77,934) *<br>3,764 *<br>321,963 * | (2,301,047)<br>1,789<br>(6,137) | 2952.6%<br>47.5%<br>-1.9% | (15,592)<br>36<br>2,070 | (835)<br>40<br>3,451 | (14,757)<br>(4)<br>(1,381) | 1766.6%<br>-9.8%<br>-40.0% | (4.95766)<br>0.01157<br>0.65816 | (0.14207)<br>0.00686<br>0.58691 | (4.81559)<br>0.00471<br>0.07125 | 3389.<br>68.     |
| 5,263,763                             | 5,365,702                          | (101,939)                       | -1.9%                     | 47,986                  | 54,857               | (6,871)                    | -12.5%                     | 10.96936                        | 9.78125                         | 1.18811                         | 12.<br>12.       |
| 5,263,763<br>1.000                    | 5,365,702<br>1.000                 | (101,939)<br>0.000              | -1.9%<br>0.0%             | 47,986<br>1.000         | 54,857<br>1.000      | (6,871)<br>0.000           | -12.5%<br>0.0%             | 10.96936                        | 9.78125<br>1.000                | 1.18811                         | 12.:             |
| 5,263,763                             | 5,365,702                          | (101,939)                       | -1.9%                     | 47,986                  | 54,857               | (6,871)                    | -12.5%                     | 10.96936                        | 9.78125                         | 1.18811                         | 12.              |
| 107,491                               | 107,491                            | 0                               | 0.0%                      | 47,986                  | 54,857               | (6,871)                    | -12.5%                     | 0.22400                         | 0.19595                         | 0.02805                         | 14.              |
| 5,371,254                             | 5,473,193                          | (101,939)                       | -1.9%                     | 47,986                  | 54,857               | (6,871)                    | -12.5%                     | 11.19338                        | 9.97720                         | 1.21618                         | 12.              |
|                                       |                                    |                                 |                           |                         |                      |                            |                            | 1.01609<br>11.37348<br>11.373   | 1.01609<br>10.13773<br>10.138   | 0.00000<br>1.23575<br>1.235     | 0.<br>12.<br>12. |

DIFFERENCE

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CENTS/KWH

ESTIMATED

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ACTUAL

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-12.5%

## COMPARISON OF ESTIMATED AND ACTUAL FUEL AND PURCHASED POWER COST RECOVERY FACTOR MONTH: JANUARY 2017

#### CONSOLIDATED ELECTRIC DIVISIONS

|          |   | PERIOD TO DA                                    | ATE  | DOLLARS          |         | PERIO                                   | TO DATE       | MWH            |  |
|----------|---|---|--|------------------|---------|---|---------------|----------------|--|
|          |   |   |  | - 10,000-000-000 |         |   |               |                |  |
|          |   | ACTUAL  | ESTIMATED  | DIFFERENC        | E %     | 107:111                                 |               | DIFFERENCE     |  |
|          |   | ACTUAL  | ESTIMATED  | AMOUNT           | %       | ACTUAL                                  | ESTIMATED     | AMOUNT         |  |
| 1        | Fuel Cost of System Net Generation (A3)   |   |  |                  |         | 0                                       | 0             | 0              |  |
| 2        | Nuclear Fuel Disposal Cost (A13)  | l   |  |                  | 1       | U                                       | Ü             | Ü              |  |
| 3        | FPL Interconnect  | 5,918   | 10,000   | (4,082)          | -40.8%  |   |               |                |  |
| 4        | Adjustments to Fuel Cost (A2, Page 1)   | 0   | 0  | (,,002)          | 0.0%    |   |               |                |  |
| 5        | TOTAL COST OF GENERATED POWER   | 5,918   | 10.000   | (4,082)          | -40.8%  | 0                                       | 0             | 0              |  |
| 6        | Fuel Cost of Purchased Power (Exclusive   |   | 13,43,4  | ( ., 0 0 = )     | 101070  | · ·                                     | Ü             | v              |  |
|          | of Economy) (A8)  | 1,486,096                                       | 2,112,568  | (626,472)        | -29.7%  | 32,942                                  | 41,046        | (8,104)        |  |
| 7        | Energy Cost of Sched C & X Econ Purch (Broker)(A9)                                      |   |  |                  |         | 35100                                   | 1,1,1,1,1,1,1 | (0,101)        |  |
| 8        | Energy Cost of Other Econ Purch (Non-Broker)(A9)  |   |  |                  |         |   |               |                |  |
| 9        | Energy Cost of Sched E Economy Purch (A9)   |   |  |                  |         |   |               |                |  |
| 10       | Demand and Non Fuel Cost of Purchased Power (A9)  | 2,272,507                                       | 2,494,383  | (221,876)        | -8.9%   | 32,942                                  | 41,046        | (8,104)        |  |
| 11       | Energy Payments to Qualifying Facilities (A8a)  | 1,600,716                                       | 1,170,781  | 429,935          | 36.7%   | 1,558                                   | 16,467        | (14,909)       |  |
|          |   |   |  |                  |         |   |               | W7 NS = 3665W  |  |
| 12       | TOTAL COST OF PURCHASED POWER   | 5,359,319                                       | 5,777,732  | (418,413)        | -7.2%   | 34,500                                  | 57,513        | (23,013)       |  |
|          |   |   |  |                  |         |   |               |                |  |
| 99       | 13 TOTAL AVAILABLE MWH (LINE 5 + LINE 12)   |   |  |                  |         | 34,500                                  | 57,513        | (23,013)       |  |
| 14       | Fuel Cost of Economy Sales (A7)   |   |  |                  |         |   |               |                |  |
| 15<br>16 | Gain on Economy Sales (A7a)   |   |  |                  |         |   |               |                |  |
| 16       | Fuel Cost of Unit Power Sales (SL2 Partpts)(A7)  17 Fuel Cost of Other Power Sales (A7) |   |  |                  |         |   |               |                |  |
| 18       | TOTAL FUEL COST AND GAINS OF POWER SALES  |   |  |                  |         |   |               |                |  |
| 18       | (LINE 14 + 15 + 16 + 17)  | 0   | 0  | 0                | 0.0%    | 0                                       | 0             | 0              |  |
| 19       | NET INADVERTENT INTERCHANGE (A10)   |   |  |                  |         |   |               |                |  |
| 19       | NET INADVERTENT INTERCHANGE (ATO)   |   |  |                  | 1       |   |               |                |  |
|          | 20 LESS GSLD APPORTIONMENT OF FUEL COST   | 107.393   | 432,030  | (324,637)        | -75.1%  | 0                                       | 0             |                |  |
| 20a      | TOTAL FUEL AND NET POWER TRANSACTIONS   | 5,257,844                                       | 5,355,702  | (97,857)         | -1.8%   | 34,500                                  | 57,513        | 0<br>(23,013)  |  |
|          | (LINES 5 + 12 + 18 + 19)  | 0,207,044                                       | 3,333,702  | (37,037)         | -1.076  | 34,300                                  | 57,513        | (23,013)       |  |
| 21       | Net Unbilled Sales (A4)   | (2,376,307) *                                   | (77,789) *   | (2,298,518)      | 2954.8% | (15,592)                                | (835)         | (14,757)       |  |
| 22       | Company Use (A4)  | 5,547 *   | 3.757 *  | 1,790            | 47.6%   | (15,592)                                | (635)         |                |  |
| 23       | T & D Losses (A4)   | 315,471 *                                       | 321,363 *  | (5,892)          | -1.8%   | 2,070                                   | 3,451         | (4)<br>(1,381) |  |
|          |   | 310,471   | 321,303  | (5,652)          | -1.076  | 2,070                                   | 3,431         | (1,381)        |  |
| 24       | SYSTEM KWH SALES  | 5,257,844                                       | 5,355,702  | (97,857)         | -1.8%   | 47,986                                  | 54,857        | (6,871)        |  |
| 25       | Wholesale KWH Sales   |   | 0,000,702  | (01,001)         | 1.070   | 47,000                                  | 04,007        | (0,011)        |  |
| 26       | Jurisdictional KWH Sales  | 5,257,844                                       | 5,355,702  | (97,857)         | -1.8%   | 47,986                                  | 54,857        | (6,871)        |  |
| 26a      | Jurisdictional Loss Multiplier  | 1.000   | 1.000  | 0.000            | 0.0%    | 1.000                                   | 1.000         | 0.000          |  |
| 27       | Jurisdictional KWH Sales Adjusted for   | 3775042.73                                      |  |                  |         |   |               | 0.000          |  |
|          | Line Losses   | 5,257,844                                       | 5,355,702  | (97,858)         | -1.8%   | 47,986                                  | 54,857        | (6,871)        |  |
| 28       | GPIF**  | 100 Earl 100 100 100 100 100 100 100 100 100 10 | And the Control of Con | , , , , , ,      |         | ,                                       | .,            | (0,0.1)        |  |
| 29       | TRUE-UP**   | 107,491   | 107,491  | 0                | 0.0%    | 47,986                                  | 54,857        | (6,871)        |  |
|          |   |   |  |                  |         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,             | (5,5.1)        |  |
| 30       | TOTAL JURISDICTIONAL FUEL COST  | 5,365,335                                       | 5,463,193  | (97,858)         | -1.8%   | 47,986                                  | 54,857        | (6,871)        |  |
|          |   |   |  |                  |         |   |               | 1-1/           |  |
|          |   |   |  |                  |         |   |               |                |  |

<sup>\*</sup>Included for Informational Purposes Only

Revenue Tax Factor

Fuel Factor Adjusted for Taxes

31

32 33

FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)

<sup>\*\*</sup>Calculation Based on Jurisdictional KWH Sales

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

JANUARY 2017

|  |                                     | CURRENT MONT                        | Н                                 |                          | PERIOD TO DATE                      |                                     |                                   |                          |  |
|--|-------------------------------------|-------------------------------------|-----------------------------------|--------------------------|-------------------------------------|-------------------------------------|-----------------------------------|--------------------------|--|
|  | ACTUAL                              | ESTIMATED                           | DIFFEREN(<br>AMOUNT               | CE<br>%                  | ACTUAL                              | ESTIMATED                           | DIFFERENCE<br>AMOUNT              | ≡ %                      |  |
| A. Fuel Cost & Net Power Transactions     1. Fuel Cost of System Net Generation     1a. Fuel Related Transactions (Nuclear Fuel Disposal)     2. Fuel Cost of Power Sold | \$<br>5,918 \$                      | 10,000 \$                           | (4,082)                           | -40.8%                   | \$ 5,918 \$                         | 10,000 \$                           | (4,082)                           | -40.8%                   |  |
| Fuel Cost of Purchased Power     3a. Demand & Non Fuel Cost of Purchased Power     3b. Energy Payments to Qualifying Facilities     4. Energy Cost of Economy Purchases  | 1,486,096<br>2,272,507<br>1,600,716 | 2,112,568<br>2,494,383<br>1,170,781 | (626,472)<br>(221,876)<br>429,935 | -29.7%<br>-8.9%<br>36.7% | 1,486,096<br>2,272,507<br>1,600,716 | 2,112,568<br>2,494,383<br>1,170,781 | (626,472)<br>(221,876)<br>429,935 | -29.7%<br>-8.9%<br>36.7% |  |
| Total Fuel & Net Power Transactions     Adjustments to Fuel Cost (Describe Items)  | 5,365,237                           | 5,787,732                           | (422,494)                         | -7.3%                    | 5,365,237                           | 5,787,732                           | (422,494)                         | -7.3%                    |  |
| 6a. Special Meetings - Fuel Market Issue   | 1,399                               | 17,850                              | (16,451)                          | -92.2%                   | 1,399                               | 17,850                              | (16,451)                          | -92.2%                   |  |
|  |                                     |                                     |                                   |                          |                                     |                                     |                                   |                          |  |
| Adjusted Total Fuel & Net Power Transactions     Less Apportionment To GSLD Customers  | 5,366,636<br>107,393                | 5,805,582                           | (438,945)                         | -7.6%                    | -1                                  | 5,805,582                           | (438,945)                         | -7.6%                    |  |
| Net Total Fuel & Power Transactions To Other Classes   | \$<br>5,259,243 \$                  | 432,030<br>5,373,552 \$             | (324,637)<br>(114,308)            | -75.1%<br>-2.1%          |                                     | 432,030<br>5,373,552 \$             | (324,637)<br>(114,308)            | -75.1%<br>-2.1%          |  |

## CALCULATION OF TRUE-UP AND INTEREST PROVISION

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

**JANUARY** 

2017

|   |  | CURRENT MONTH                                | ı   |  | PERIOD TO DATE                                |  |   |  |  |
|---|--|--|---|--|---|--|---|--|--|
|   | ACTUAL   | ESTIMATED                                    | DIFFERENC<br>AMOUNT                                     | E %  | ACTUAL  | ESTIMATED                                    | DIFFERENC<br>AMOUNT                                     | E<br>%                                       |  |
| B. Sales Revenues (Exclude Revenue Taxes & Franchise Taxe 1. Jurisidictional Sales Revenue (Excluding GSLD) a. Base Fuel Revenue b. Fuel Recovery Revenue c. Jurisidictional Fuel Revenue d. Non Fuel Revenue e. Total Jurisdictional Sales Revenue 2. Non Jurisdictional Sales Revenue | 4,599,602<br>4,599,602<br>2,020,524<br>6,620,126 | \$ 5,398,078 5,398,078 2,572,038 7,970,116   | (798,476)<br>(798,476)<br>(551,514)<br>(1,349,990)      | \$<br>-14.8%<br>-14.8%<br>-21.4%<br>-16.9%<br>0.0% | \$ 4,599,602 4,599,602 2,020,524 6,620,126    | \$ 5,398,078 5,398,078 2,572,038 7,970,116   | (798,476)<br>(798,476)<br>(551,514)<br>(1,349,990)      | -14.8%<br>-14.8%<br>-21.4%<br>-16.9%<br>0.0% |  |
| 3. Total Sales Revenue (Excluding GSLD)  C. KWH Sales (Excluding GSLD)  1. Jurisdictional Sales KWH  2. Non Jurisdictional Sales  3. Total Sales  4. Jurisdictional Sales % of Total KWH Sales  | \$ 6,620,126 \$ 46,396,348 0 46,396,348 100.00%  | 7,970,116 \$ 52,776,657 0 52,776,657 100.00% | (1,349,990)<br>(6,380,309)<br>0<br>(6,380,309)<br>0.00% | -16.9% \$ -12.1% 0.0% -12.1% 0.0%                  | 6,620,126 \$  46,396,348 0 46,396,348 100.00% | 7,970,116 \$ 52,776,657 0 52,776,657 100.00% | (1,349,990)<br>(6,380,309)<br>0<br>(6,380,309)<br>0.00% | -12.1%<br>0.0%<br>-12.1%<br>0.0%             |  |
|   |  |  |   |  |   |  |   |  |  |

## CALCULATION OF TRUE-UP AND INTEREST PROVISION

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

JANUARY 2017

|  |      |                | CURRENT MONTH |                     |         | PERIOD TO DATE    |              |                      |         |  |
|--|------|----------------|---------------|---------------------|---------|-------------------|--------------|----------------------|---------|--|
|  |      | ACTUAL         | ESTIMATED     | DIFFERENC<br>AMOUNT | CE<br>% | ACTUAL            | ESTIMATED    | DIFFERENCI<br>AMOUNT | E<br>%  |  |
| D. True-up Calculation (Excluding GSLD)  |      |                |               |                     |         |                   |              |                      |         |  |
| Jurisdictional Fuel Rev. (line B-1c)     Fuel Adjustment Not Applicable  | \$   | 4,599,602 \$   | 5,398,078 \$  | (798,476)           | -14.8%  | \$ 4,599,602 \$   | 5,398,078 \$ | (798,476)            | -14.8%  |  |
| a. True-up Provision     b. Incentive Provision  |      | 107,491        | 107,491       | 0                   | 0.0%    | 107,491           | 107,491      | 0                    | 0.0%    |  |
| c. Transition Adjustment (Regulatory Tax Refund)   |      |                |               |                     |         |                   |              | 0                    | 0.0%    |  |
| Jurisdictional Fuel Revenue Applicable to Period   |      | 4,492,111      | 5,290,587     | (798,476)           | -15.1%  | 4,492,111         | 5,290,587    | (798,476)            | -15.1%  |  |
| 4. Adjusted Total Fuel & Net Power Transaction (Line A-7)  |      | 5,259,243      | 5,373,552     | (114,308)           | -2.1%   | 5,259,243         | 5,373,552    | (114,308)            | -2.1%   |  |
| <ol> <li>Jurisdictional Sales % of Total KWH Sales (Line C-4)</li> <li>Jurisdictional Total Fuel &amp; Net Power Transactions</li> </ol> |      | 100%           | 100%          | 0.00%               | 0.0%    | N/A               | N/A          |                      |         |  |
| (Line D-4 x Line D-5 x *)  |      | 5,259,243      | 5,373,552     | (114,309)           | -2.1%   | 5,259,243         | 5,373,552    | (114,308)            | -2.1%   |  |
| 7. True-up Provision for the Month Over/Under Collection   |      | (767,132)      | (82,965)      | (684,167)           | 824.6%  | (767,132)         | (82,965)     | (684,167)            | 824.6%  |  |
| (Line D-3 - Line D-6)  |      | 10.1001        |               |                     |         |                   |              |                      |         |  |
| 8. Interest Provision for the Month  |      | (2,103)        | (390)         | (1,713)             | 439.2%  | (2,103)           | (390)        | (1,713)              | 439.2%  |  |
| 9. True-up & Inst. Provision Beg. of Month   |      | (3,705,790)    | 4,846,261     | (8,552,051)         | -176.5% | (3,705,790)       | 4,846,261    | (8,552,051)          | -176.5% |  |
| 9a. Deferred True-up Beginning of Period   | li . | 107.101        |               |                     |         |                   |              |                      |         |  |
| 10. True-up Collected (Refunded)   |      | 107,491        | 107,491       | 0                   | 0.0%    | 107,491           | 107,491      | 0                    | 0.0%    |  |
| <ol> <li>End of Period - Total Net True-up<br/>(Lines D7 through D10)</li> </ol>   | \$   | (4,367,534) \$ | 4,870,397 \$  | (9,237,931)         | -189.7% | \$ (4,367,534) \$ | 4,870,397 \$ | (9,237,931)          | -189.7% |  |

<sup>\*</sup> Jurisdictional Loss Multiplier

#### CALCULATION OF TRUE-UP AND INTEREST PROVISION

SCHEDULE A2 Page 4 of 4

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

E. Interest Provision (Excluding GSLD) 1. Beginning True-up Amount (lines D-9 + 9a)

2. Ending True-up Amount Before Interest

3. Total of Beginning & Ending True-up Amount

5. Interest Rate - First Day Reporting Business Month

4. Average True-up Amount (50% of Line E-3)

8. Average Interest Rate (50% of Line E-7)

10. Interest Provision (Line E-4 x Line E-9)

9. Monthly Average Interest Rate (Line E-8 / 12)

(line D-7 + Lines D-9 + 9a + D-10)

7. Total (Line E-5 + Line E-6)

**JANUARY** 2017

**CURRENT MONTH** PERIOD TO DATE **DIFFERENCE** DIFFERENCE **ACTUAL ESTIMATED** AMOUNT **ACTUAL ESTIMATED AMOUNT** (3,705,790)\$ 4,846,261 \$ (8,552,051)-176.5% N/A N/A (4,365,431)4,870,787 (9,236,218) -189.6% N/A N/A N/A N/A (8,071,221)9,717,048 (17,788,269)-183.1% N/A N/A (4,035,611) \$ 4,858,524 \$ (8,894,135)-183.1% N/A N/A 0.6300% N/A N/A N/A 6. Interest Rate - First Day Subsequent Business Month 0.6200% N/A N/A N/A 1.2500% N/A N/A --N/A 0.6250% N/A N/A N/A 0.0521% N/A N/A N/A (2,103)N/A N/A N/A

**ELECTRIC ENERGY ACCOUNT** Month of:

**JANUARY** 

2017

|           | _  |                  |                        |                        |                    |   |                        |                      |  |  |  |
|-----------|--|------------------|------------------------|------------------------|--------------------|---|------------------------|----------------------|--|--|--|
|           |  | C                | CURRENT MONT           |                        |                    | PERIOD TO DATE                          |                        |                      |  |  |  |
|           |  |                  |                        | DIFFERENCE             |                    |   |                        | DIFFERENC            | The second secon |  |  |
|           |  | ACTUAL           | ESTIMATED              | AMOUNT                 | %                  | ACTUAL                                  | ESTIMATED              | AMOUNT               | %  |  |  |
|           | (MWH)  |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 1         | System Net Generation                                    | 0                | 0                      | 0                      | 0.00%              | 0                                       | 0                      | 0                    | 0.00%  |  |  |
| 2         | Power Sold   |                  |                        | (5)                    | 2.007.0            | · ·                                     | Ü                      | Ü                    | 0.0070   |  |  |
| 3         | Inadvertent Interchange Delivered - NET                  |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 4         | Purchased Power  | 32,942           | 41,046                 | (8,104)                | -19.74%            | 32,942                                  | 41,046                 | (8,104)              | -19.74%  |  |  |
| 4a        | Energy Purchased For Qualifying Facilities               | 1,558            | 16,467                 | (14,909)               | -90.54%            | 1,558                                   | 16,467                 | (14,909)             | -90.54%  |  |  |
| 5<br>6    | Economy Purchases Inadvertent Interchange Received - NET |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 7         | Net Energy for Load                                      | 24 500           | F7 540                 | (00.040)               | 10.010/            | 0.4.500                                 |                        |                      |  |  |  |
| 8         | Sales (Billed)   | 34,500<br>47,986 | 57,513<br>54,857       | (23,013)<br>(6,871)    | -40.01%<br>-12.53% | 34,500                                  | 57,513                 | (23,013)             | -40.01%  |  |  |
| 8a        | Unbilled Sales Prior Month (Period)                      | 47,300           | 54,657                 | (0,071)                | -12.55%            | 47,986                                  | 54,857                 | (6,871)              | -12.53%  |  |  |
| 8b        | Unbilled Sales Current Month (Period)                    |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 9         | Company Use  | 36               | 40                     | (4)                    | -9.79%             | 36                                      | 40                     | (4)                  | -9.79%   |  |  |
| 10        | T&D Losses Estimated @ 0.06                              | 2,070            | 3,451                  | (1,381)                | -40.02%            | 2,070                                   | 3,451                  | (1,381)              | -40.02%  |  |  |
| 11        | Unaccounted for Energy (estimated)                       | (15,592)         | (835)                  | (14,757)               | 1766.58%           | (15,592)                                | (835)                  | (14,757)             | 1766.58%   |  |  |
| 12        |  |                  |                        |                        |                    |   | , ,                    | , , ,                |  |  |  |
| 13<br>14  | % Company Use to NEL<br>% T&D Losses to NEL              | 0.11%            | 0.07%                  | 0.04%                  | 57.14%             | 0.11%                                   | 0.07%                  | 0.04%                | 57.14%   |  |  |
| 15        | % Tab Losses to NEL % Unaccounted for Energy to NEL      | 6.00%            | 6.00%                  | 0.00%                  | 0.00%              | 6.00%                                   | 6.00%                  | 0.00%                | 0.00%  |  |  |
| 10        | 70 Offaccounted for Energy to INEL                       | -45.20%          | -1.45%                 | -43.75%                | 3017.24%           | -45.20%                                 | -1.45%                 | -43.75%              | 3017.24%   |  |  |
|           | (\$)   |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 16        | Fuel Cost of Sys Net Gen                                 | 5,918            | 10,000                 | (4,082)                | -0.4082            | 5,918                                   | 10,000                 | (4,082)              | -0.4082  |  |  |
| 16a       | Fuel Related Transactions                                |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 16b<br>17 | Adjustments to Fuel Cost<br>Fuel Cost of Power Sold      |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 18        | Fuel Cost of Purchased Power                             | 1,486,096        | 0.440.500              | (000 470)              | 00.050/            | 4 400 000                               |                        |                      |  |  |  |
| 18a       | Demand & Non Fuel Cost of Pur Power                      | 2,272,507        | 2,112,568<br>2,494,383 | (626,472)<br>(221,876) | -29.65%<br>-8.90%  | 1,486,096                               | 2,112,568              | (626,472)            | -29.65%  |  |  |
| 18b       | Energy Payments To Qualifying Facilities                 | 1,600,716        | 1,170,781              | 429,935                | 36.72%             | 2,272,507<br>1,600,716                  | 2,494,383<br>1,170,781 | (221,876)<br>429,935 | -8.90%<br>36.72%   |  |  |
| 19        | Energy Cost of Economy Purch.                            | 1,000,710        | 1,170,701              | 420,000                | 30.7270            | 1,000,710                               | 1,170,761              | 429,935              | 30.72%   |  |  |
| 20        | Total Fuel & Net Power Transactions                      | 5,365,237        | 5,787,732              | (422,494)              | -7.30%             | 5,365,237                               | 5,787,732              | (422,494)            | -7.30%   |  |  |
|           |  |                  |                        |                        |                    | , |                        | \                    |  |  |  |
|           | (Cents/KWH)  |                  |                        |                        |                    |   |                        |                      |  |  |  |
|           |  |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 21        | Fuel Cost of Sys Net Gen                                 |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 21a<br>22 | Fuel Related Transactions Fuel Cost of Power Sold        |                  |                        |                        |                    |   |                        |                      |  |  |  |
| 23        | Fuel Cost of Power Sold Fuel Cost of Purchased Power     | 4.544            | F 4 47                 | (0.000)                | 40.000             | 19721200                                | 2000                   |                      |  |  |  |
| 23a       | Demand & Non Fuel Cost of Pur Power                      | 4.511            | 5.147                  | (0.636)                | -12.36%            | 4.511                                   | 5.147                  | (0.636)              | -12.36%  |  |  |
| 23b       | Energy Payments To Qualifying Facilities                 | 6.899<br>102.743 | 6.077<br>7.110         | 0.822<br>95.633        | 13.53%             | 6.899                                   | 6.077                  | 0.822                | 13.53%   |  |  |
| 24        | Energy Cost of Economy Purch.                            | 102.743          | 7.110                  | 90.033                 | 1345.05%           | 102.743                                 | 7.110                  | 95.633               | 1345.05%   |  |  |
| 25        | Total Fuel & Net Power Transactions                      | 15.551           | 10.063                 | 5.488                  | 54.54%             | 15.551                                  | 10.063                 | 5.488                | 54.54%   |  |  |
|           |  |                  |                        | 0.100                  | 01.0170            | 10.001                                  | 10.003                 | 0.400                | 34.3470  |  |  |

#### PURCHASED POWER

(Exclusive of Economy Energy Purchases)

|                              |                       | (Exclusive of E<br>For the Period/ | conomy Energy Pu<br>Month of:   | rchases)<br>JANUARY         | 2017                                    |                        |                        |                           |
|------------------------------|-----------------------|------------------------------------|---------------------------------|-----------------------------|---|------------------------|------------------------|---------------------------|
| (1)                          | (2)                   | (3)                                | (4)                             | (5)                         |   | (7)                    |                        | (0)                       |
|                              | (2)                   | (5)                                | (4)                             |                             | (6)                                     | (7)                    |                        | (8)                       |
|                              | 77/75                 | TOTAL                              | KWH                             | KWH<br>FOR                  | KWH                                     | CENTS/KWH              |                        | TOTAL \$ FOR<br>FUEL ADJ. |
| PURCHASED FROM               | TYPE<br>&<br>SCHEDULE | KWH<br>PURCHASED<br>(000)          | FOR OTHER<br>UTILITIES<br>(000) | INTERRUP-<br>TIBLE<br>(000) | FOR<br>FIRM<br>(000)                    | (a)<br>FUEL<br>COST    | (b)<br>TOTAL<br>COST   | (6)X(7)(a)<br>\$          |
| ESTIMATED:                   | 1                     |                                    | - I                             |                             |   |                        |                        |                           |
| JEA AND GULF                 | MS                    | 41,046                             |                                 |                             | 41,046                                  | 5.146829               | 11.223872              | 2,112,568                 |
| TOTAL                        |                       | 41,046                             | 0                               | 0                           | 41.046                                  | E 440000               | 44.000070              | 0.440.500                 |
|                              |                       | 41,040                             | 0 1                             | 0                           | 41,046                                  | 5.146829               | 11.223872              | 2,112,568                 |
| ACTUAL:                      |                       |                                    |                                 |                             |   |                        |                        |                           |
| JEA<br>GULF/SOUTHERN         | MS                    | 8,851<br>24,091                    |                                 |                             | 8,851<br>24,091                         | 2.962976<br>5.080084   | 13.759101<br>10.546615 | 262,253                   |
| Other                        |                       | 0                                  |                                 |                             | 24,091                                  | 0.000000               | 0.000000               | 1,223,843<br>0            |
| Other<br>Other               |                       | 0                                  |                                 |                             | 0                                       | 0.000000               | 0.000000               | 0                         |
| Other                        |                       | 0                                  |                                 |                             | 0                                       | 0.000000               | 0.000000               | 0                         |
|                              |                       | ,                                  |                                 |                             | ۰                                       | 0.000000               | 0.000000               | 0                         |
|                              |                       |                                    |                                 |                             | 4                                       |                        |                        |                           |
|                              |                       |                                    |                                 |                             |   |                        |                        |                           |
|                              |                       |                                    |                                 |                             |   |                        |                        |                           |
|                              |                       |                                    |                                 |                             |   |                        |                        |                           |
|                              |                       |                                    |                                 |                             |   |                        |                        |                           |
|                              |                       |                                    |                                 |                             | 1                                       |                        |                        |                           |
|                              |                       |                                    |                                 |                             |   |                        |                        |                           |
| TOTAL                        |                       | 00.040                             |                                 |                             |   |                        |                        |                           |
| TOTAL                        |                       | 32,942                             | 0                               | 0                           | 32,942                                  | 8.043060               | 13.759101              | 1,486,096                 |
| 2                            |                       |                                    |                                 |                             |   |                        |                        |                           |
| CURRENT MONTH:<br>DIFFERENCE |                       | (0.40.4)                           |                                 |                             | *************************************** | N                      |                        |                           |
| DIFFERENCE (%)               |                       | (8,104)<br>-19.7%                  | 0 0.0%                          | 0 0.0%                      | (8,104)                                 | 2.896231               | 2.53523                | (626,472)                 |
| 300 8                        |                       | 13.770                             | 0.070                           | 0.0%                        | -19.7%                                  | 56.3%                  | 22.6%                  | -29.7%                    |
| PERIOD TO DATE:<br>ACTUAL    |                       |                                    |                                 |                             |   |                        |                        |                           |
| ESTIMATED                    | MS<br>MS              | 32,942<br>41,046                   |                                 |                             | 32,942                                  | 4.511250               | 4.611250               | 1,486,096                 |
| DIFFERENCE                   | IVIS                  | (8,104)                            | 0                               | 0                           | 41,046<br>(8,104)                       | 5.146829<br>(0.635579) | 5.246829<br>-0.635579  | 2,112,568<br>(626,472)    |
| DIFFERENCE (%)               |                       | -19.7%                             | 0.0%                            | 0.0%                        | -19.7%                                  | -12.3%                 | -12.1%                 | -29.7%                    |

## **ENERGY PAYMENT TO QUALIFYING FACILITIES**

|                                    |               | For the Period/Month of:    |                    |                         | 2017   |                        |                        |                           |
|------------------------------------|---------------|-----------------------------|--------------------|-------------------------|--|------------------------|------------------------|---------------------------|
| (1)                                | (2)           | (3)                         | (4)                | (5)                     | (6)  | (7)                    |                        | (8)                       |
|                                    | TYPE          | TOTAL<br>KWH                | KWH<br>FOR OTHER   | KWH<br>FOR<br>INTERRUP- | KWH  | CENTS/KWH              |                        | TOTAL \$ FOR<br>FUEL ADJ. |
| PURCHASED FROM                     | &<br>SCHEDULE | PURCHASED (000)             | UTILITIES<br>(000) | TIBLE<br>(000)          | FOR<br>FIRM<br>(000)   | (a)<br>FUEL<br>COST    | (b)<br>TOTAL<br>COST   | (6)X(7)(a)<br>\$          |
| ESTIMATED:                         |               |                             |                    |                         | le de la constant de |                        |                        |                           |
| ROCKTENN, EIGHT FLAGS AND RAYONIER |               | 16,467                      |                    |                         | 16,467   | 7.109862               | 7.109862               | 1,170,781                 |
| TOTAL                              |               | 16,467                      | 0                  | 0                       | 16.467   | 7 400000               | 7.400000               | 4.470.704                 |
|                                    |               | 10,407                      | 0                  | 0                       | 16,467   | 7.109862               | 7.109862               | 1,170,781                 |
| ACTUAL:                            |               |                             |                    |                         |  |                        |                        |                           |
| ROCKTENN, EIGHT FLAGS AND RAYONIER |               | 1,558                       |                    |                         | 1,558  | 102.743171             | 102.743171             | 1,600,716                 |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
|                                    |               |                             |                    |                         |  |                        |                        |                           |
| TOTAL                              |               | 1,558                       | 0                  | 0                       | 1 550  | 100 740474             | 100 740474             | 4 000 740                 |
|                                    |               | 1,556                       | 0 ]                | 0                       | 1,558  | 102.743171             | 102.743171             | 1,600,716                 |
| CURRENT MONTH:                     |               |                             | 1                  |                         |  |                        |                        |                           |
| DIFFERENCE (%)                     |               | (14,909)<br>-90.5%          | 0<br>0.0%          | 0.0%                    | (14,909)<br>-90.5%   | 95.633309<br>1345.1%   | 95.633309<br>1345.1%   | 429,935<br>36.7%          |
| PERIOD TO DATE:                    | MC            | 4 550                       |                    |                         |  | FOR CHENCONDON         |                        |                           |
| ESTIMATED DIFFERENCE               | MS<br>MS      | 1,558<br>16,467<br>(14,909) |                    |                         | 1,558<br>16,467  | 102.743171<br>7.109862 | 102.743171<br>7.109862 | 1,600,716<br>1,170,781    |
| DIFFERENCE (%)                     |               | -90.5%                      | 0<br>0.0%          | 0 0.0%                  | (14,909)<br>-90.5%   | 95.633309<br>1345.1%   | 95.633309<br>1345.1%   | 429,935<br>36.7%          |

DIFFERENCE (%)

#### ECONOMY ENERGY PURCHASES

## INCLUDING LONG TERM PURCHASES

For the Period/Month of: JANUARY 2017 (1) (2) (3) (4) (6) (7) TOTAL \$ FOR COST IF GENERATED FUEL TOTAL FUEL ADJ. SAVINGS TYPE **KWH** TRANS. (a) PURCHASED FROM **PURCHASED** (3) X (4) \$ & COST TOTAL SCHEDULE (000)CENTS/KWH COST (6)(b)-(5) CENTS/KWH ESTIMATED: TOTAL ACTUAL: TOTAL FOOTNOTE: PURCHASED POWER COSTS INCLUDE CUSTOMER, DEMAND & ENERGY CHARGES TOTALING 0 CURRENT MONTH: DIFFERENCE DIFFERENCE (%) PERIOD TO DATE: **ACTUAL ESTIMATED** DIFFERENCE