

Proudly Celebrating 90 Years of Energy Excellence.

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

October 19, 2016

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 September 2016 Fuel Schedules for our Consolidated Electric Florida divisions.

The over-recovery is lower than estimated primarily due to fuel costs being higher than projected.

If you have any questions, please contact me at cyoung@fpuc.com or Michael Cassel at mcassel@fpuc.com.

Sincerely,

Curtis D. Young Regulatory Analyst

Enclosure

Cc:

FPSC Beth Keating

Buddy Shelley (no enclosure)

SJ 80-441

COMPARISON OF ESTIMATED AND ACTUAL FUEL AND PURCHASED POWER COST RECOVERY FACTOR MONTH: SEPTEMBER 2016

| | | | DOLLARS | | | | MWH | | | | CENTS/KWH | | |
|-------------|---|--------------------------|------------------------|----------------------|-----------------|-----------------|------------------|----------------------|-----------------|----------------------|----------------------|----------------------|-----------------|
| | | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | ≡ % | ACTUAL | ESTIMATED | DIFFERENCE AMOUNT | % | ACTUAL | ESTIMATED | DIFFER AMOUNT | ENCE % |
| 1 | Fuel Cost of System Net Generation (A3) | | | | | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 3 | Nuclear Fuel Disposal Cost (A13) FPL Interconnect | 5,918 | 11,744 | (5,826) | -49.6% | | | | | | | | |
| 5 | Adjustments to Fuel Cost (A2, Page 1) TOTAL COST OF GENERATED POWER | 5,918 | 11,744 | 0 (5,826) | 0.0% -49.6% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 6 | Fuel Cost of Purchased Power (Exclusive of Economy) (A8) | 2,569,597 | 2,527,614 | 41,983 | 1.7% | 53,167 | 48,700 | 4,467 | 9.2% | 4.83307 | 5.19017 | (0.35710) | -6.9% |
| 7 8 9 | Energy Cost of Sched C & X Econ Purch (Broker)(A9) Energy Cost of Other Econ Purch (Non-Broker)(A9) Energy Cost of Sched E Economy Purch (A9) | | | | | | | | | | | | |
| 10 11 | Demand and Non Fuel Cost of Purchased Power (A9) Energy Payments to Qualifying Facilities (A8a) | 2,608,670 703,276 | 2,223,831 747,988 | 384,839 (44,712) | 17.3% -6.0% | 53,167 1,097 | 48,700 16,201 | 4,467 (15,104) | 9.2% -93.2% | 4.90656 64.13079 | 4.56639 4.61692 | 0.34017 59.51387 | 7.5% 1289.0% |
| 1.535 | | | | | | | | | | | | | |
| 12 | TOTAL COST OF PURCHASED POWER | 5,887,461 | 5,511,177 | 376,284 | 6.8% | 54,264 | 64,901 | (10,637) | -16.4% | 10.84974 | 8.49167 | 2.35807 | 27.8% |
| 14 14 | 3 TOTAL AVAILABLE MWH (LINE 5 + LINE 12) Fuel Cost of Economy Sales (A7) | | | | | 54,264 | 64,901 | (10,637) | -16.4% | | | | |
| 15 16 | Gain on Economy Sales (A7a) Fuel Cost of Unit Power Sales (SL2 Partpts)(A7) | | | | | | | | | | | | |
| 18 18 | 7 Fuel Cost of Other Power Sales (A7) TOTAL FUEL COST AND GAINS OF POWER SALES | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 19 | (LINE 14 + 15 + 16 + 17) NET INADVERTENT INTERCHANGE (A10) | | Ü | · · | 0.076 | Ü | Ü | O . | 0.076 | 0.00000 | 0.0000 | 0.00000 | 0.076 |
| 2 | 0 LESS GSLD APPORTIONMENT OF FUEL COST | 205,120 | 374,687 | (169,567) | -29.8% | 0 | 0 | 0 | 0.0% | | | | |
| 20a | TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19) | 5,688,260 | 5,148,234 | 540,026 | 10.5% | 54,264 | 64,901 | (10,637) | -16.4% | 10.48264 | 7.93244 | 2.55020 | 32.2% |
| 21 22 | Net Unbilled Sales (A4) Company Use (A4) | (1,662,550) * 6.044 * | (281,205) * 3,808 * | (1,381,345) 2,236 | 491.2% 58.7% | (15,860) 58 | (3,545) 48 | (12,315) 10 | 347.4% 20.1% | (2.48847) 0.00905 | (0.43595) 0.00590 | (2.05252) 0.00315 | 470.8% |
| 23 | T & D Losses (A4) | 341,315 * | 308,889 * | 32,426 | 10.5% | 3,256 | 3,894 | (638) | -16.4% | 0.51087 | 0.47887 | 0.03200 | 53.4% 6.7% |
| 24 25 | SYSTEM KWH SALES Wholesale KWH Sales | 5,688,260 | 5,148,234 | 540,026 | 10.5% | 66,810 | 64,504 | 2,306 | 3.6% | 8.51409 | 7.98126 | 0.53283 | 6.7% |
| 26 | Jurisdictional KWH Sales | 5,688,260 | 5,148,234 | 540,026 | 10.5% | 66,810 | 64,504 | 2,306 | 3.6% | 8.51409 | 7.98126 | 0.53283 | 6.7% |
| 26a 27 | Jurisdictional Loss Multiplier Jurisdictional KWH Sales Adjusted for | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.000 | 0.0% | 1.000 | 1.000 | 0.00000 | 0.0% |
| 28 | Line Losses GPIF** | 5,688,260 | 5,148,234 | 540,026 | 10.5% | 66,810 | 64,504 | 2,306 | 3.6% | 8.51409 | 7.98126 | 0.53283 | 6.7% |
| 29 | TRUE-UP** | 131,846 | 131,846_ | 0 | 0.0% | 66,810 | 64,504 | 2,306 | 3.6% | 0.19734 | 0.20440 | (0.00706) | -3.5% |
| 30 | TOTAL JURISDICTIONAL FUEL COST (Excluding GSLD Apportionment) | 5,820,106 | 5,280,080 | 540,026 | 10.2% | 66,810 | 64,504 | 2,306 | 3.6% | 8.71143 | 8.18566 | 0.52577 | 6.4% |
| 31 32 | Revenue Tax Factor Fuel Factor Adjusted for Taxes | | | | | | | | | 1.01609 8.85160 | 1.01609 8.31737 | 0.00000 0.53423 | 0.0% 6.4% |
| 33 | FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH) | | | | | | | | | 8.852 | 8.317 | 0.53423 | 6.4% |

^{*}Included for Informational Purposes Only
**Calculation Based on Jurisdictional KWH Sales

COMPARISON OF ESTIMATED AND ACTUAL FUEL AND PURCHASED POWER COST RECOVERY FACTOR MONTH: SEPTEMBER 2016

CONSOLIDATED ELECTRIC DIVISIONS

| | | PERIOD TO D | ATF | DOLLARS | | PERIO | D TO DATE | MWH | | | CENTS/KWH | | |
|-----------|---|---------------------------|-------------------------|----------------------|-----------------|-------------------|-------------------|-------------------|----------------|---------------------|--------------------|---------------------|----------------|
| | | 990 AND 1879 SEC. | | DIFFERENC | | | | DIFFERENCE | | | | DIFFERE | ENCE |
| | | ACTUAL | ESTIMATED | AMOUNT | % | ACTUAL | ESTIMATED | AMOUNT | % | ACTUAL | ESTIMATED | AMOUNT | % |
| 1 2 | Fuel Cost of System Net Generation (A3) Nuclear Fuel Disposal Cost (A13) | | | | | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 3 | FPL Interconnect Adjustments to Fuel Cost (A2, Page 1) | 53,264 0 | 65,421 0 | (12,157) 0 | -18.6% 0.0% | | | | | | | | |
| 5 6 | TOTAL COST OF GENERATED POWER Fuel Cost of Purchased Power (Exclusive | 53,264 | 65,421 | (12,157) | -18.6% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 7 | of Economy) (A8) Energy Cost of Sched C & X Econ Purch (Broker)(A9) | 23,036,242 | 24,189,811 | (1,153,569) | -4.8% | 479,940 | 473,700 | 6,240 | 1.3% | 4.79982 | 5.10657 | (0.30675) | -6.0% |
| 8 9 | Energy Cost of Other Econ Purch (Non-Broker)(A9) Energy Cost of Sched E Economy Purch (A9) | | | | | | | | | | | | |
| 10 11 | Demand and Non Fuel Cost of Purchased Power (A9) Energy Payments to Qualifying Facilities (A8a) | 24,013,156 3,951,645 | 22,841,624 2,959,900 | 1,171,532 991,745 | 5.1% 33.5% | 479,940 10,744 | 473,700 62,552 | 6,240 (51,808) | 1.3% -82.8% | 5.00337 36.78009 | 4.82196 4.73190 | 0.18141 32.04819 | 3.8% 677.3% |
| 12 | TOTAL COST OF PURCHASED POWER | 51,001,043 | 49,991,335 | 1,009,708 | 2.0% | 490,684 | 536,252 | (45,568) | -8.5% | 10.39387 | 9.32236 | 1.07151 | 11.5% |
| 14 15 | 13 TOTAL AVAILABLE MWH (LINE 5 + LINE 12) Fuel Cost of Economy Sales (A7) Gain on Economy Sales (A7a) | | | | | 490,684 | 536,252 | (45,568) | -8.5% | | | | |
| | 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 (LINE 14 + 15 + 16 + 17) NET INADVERTENT INTERCHANGE (A10) | 0 | 0 | 0 | 0.0% | 0 | 0 | 0 | 0.0% | 0.00000 | 0.00000 | 0.00000 | 0.0% |
| 9.577.6 | 20 LESS GSLD APPORTIONMENT OF FUEL COST | 1.644.421 | 3,708,614 | (2.064.193) | -55.7% | 0 | 0 | 0 | 0.00/ | | | | |
| 20a | TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19) | 49,409,886 | 46,348,142 | 3,061,744 | 6.6% | 490,684 | 536,252 | 0 (45,568) | 0.0% -8.5% | 10.06959 | 8.64298 | 1.42661 | 16.5% |
| 21 22 | Net Unbilled Sales (A4) Company Use (A4) | (3,773,411) * 44.036 * | (613,219) * 25,065 * | (3,160,192) | 515.3% 75.7% | (37,473) | (7,095) | (30,378) | 428.2% | (0.75729) | (0.12003) | (0.63726) | 530.9% |
| 23 | T & D Losses (A4) | 2,964,588 * | 2,780,879 * | 183,709 | 6.6% | 437 29,441 | 290 32,175 | 147 (2,734) | 50.8% -8.5% | 0.00884 0.59497 | 0.00491 0.54433 | 0.00393 0.05064 | 80.0% 9.3% |
| 24 25 | SYSTEM KWH SALES Wholesale KWH Sales | 49,409,886 | 46,348,142 | 3,061,744 | 6.6% | 498,279 | 510,882 | (12,603) | -2.5% | 9.91611 | 9.07219 | 0.84392 | 9.3% |
| 26 26a | Jurisdictional KWH Sales Jurisdictional Loss Multiplier | 49,409,886 1,000 | 46,348,142 1.000 | 3,061,744 0.000 | 6.6% 0.0% | 498,279 1.000 | 510,882 1.000 | (12,603) 0.000 | -2.5% 0.0% | 9.91611 1.000 | 9.07219 1.000 | 0.84392 0.00000 | 9.3% |
| 27 | Jurisdictional KWH Sales Adjusted for Line Losses | 49.409.886 | 46.348.142 | 3.061.744 | 6.6% | 498.279 | 510.882 | (12,603) | -2.5% | 9.91611 | 9.07219 | | 05.05.00 |
| 28 29 | GPIF** TRUE-UP** | 1,186,614 | | | | 100 | | | 1000000000 | | 0.000.000.00 | 0.84392 | 9.3% |
| | | | 1,186,614 | 0 | 0.0% | 498,279 | 510,882 | (12,603) | -2.5% | 0.23814 | 0.23227 | 0.00587 | 2.5% |
| 30 | TOTAL JURISDICTIONAL FUEL COST | 50,596,500 | 47,534,756 | 3,061,744 | 6.4% | 498,279 | 510,882 | (12,603) | -2.5% | 10.15425 | 9.30445 | 0.84980 | 9.1% |
| 31 32 | Revenue Tax Factor Fuel Factor Adjusted for Taxes | | | | | | | | | 1.01609 10.31763 | 1.01609 9.45416 | 0.00000 0.86347 | 0.0% 9.1% |
| 33 | FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH) | | | | | | | | Į | 10.318 | 9.454 | 0.864 | 9.1% |

³³ FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)

^{*}Included for Informational Purposes Only

^{**}Calculation Based on Jurisdictional KWH Sales

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

| | | | CURRENT MONTH | | | | PERIOD TO DATE | | | |
|--|----|--------------|---------------|-----------|--------|------------------|----------------|-------------|--------|--|
| | | 722777 | | DIFFERENC | | DIFFERENCE | | | | |
| | - | ACTUAL | ESTIMATED | AMOUNT | % | ACTUAL | ESTIMATED | AMOUNT | % | |
| A. Fuel Cost & Net Power Transactions | | 100000 | | | | | | | | |
| Fuel Cost of System Net Generation Fuel Related Transactions (Nuclear Fuel Disposal) Fuel Cost of Power Sold | \$ | 5,918 \$ | 11,744 \$ | (5,826) | -49.6% | \$ 53,264 \$ | 65,421 \$ | (12,157) | -18.6% | |
| Fuel Cost of Purchased Power | | 2,569,597 | 2,527,614 | 41,983 | 1.7% | 23,036,242 | 24,189,811 | (1,153,569) | -4.8% | |
| Demand & Non Fuel Cost of Purchased Power | | 2,608,670 | 2,223,831 | 384,839 | 17.3% | 24,013,156 | 22,841,624 | 1,171,532 | 5.1% | |
| 3b. Energy Payments to Qualifying Facilities4. Energy Cost of Economy Purchases | | 703,276 | 747,988 | (44,712) | -6.0% | 3,951,645 | 2,959,900 | 991,745 | 33.5% | |
| Total Fuel & Net Power Transactions Adjustments to Fuel Cost (Describe Items) | | 5,887,461 | 5,511,177 | 376,284 | 6.8% | 51,054,307 | 50,056,756 | 997,551 | 2.0% | |
| 6a. Special Meetings - Fuel Market Issue | | 42,255 | 30,256 | 11,999 | 39.7% | 192,806 | 312,579 | (119,773) | -38.3% | |
| | | | | | | | | | | |
| 7. Adjusted Total Fuel & Net Power Transactions | | 5,929,717 | 5,541,433 | 388,284 | 7.0% | 51,247,114 | 50,369,335 | 877,779 | 1.7% | |
| 8. Less Apportionment To GSLD Customers | | 205,120 | 374,687 | (169,567) | -45.3% | 1,644,421 | 3,708,614 | (2,064,193) | -55.7% | |
| Net Total Fuel & Power Transactions To Other Classes | \$ | 5,724,597 \$ | 5,166,746 \$ | 557,851 | 10.8% | \$ 49,602,693 \$ | 46,660,721 \$ | 2,941,972 | 6.3% | |

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

| | | | CURRENT MON | TH | | PERIOD TO DATE | | | | | |
|---|-------|------------|-------------|------------------|-----------|----------------|------|---------------|----------------------|-------|--|
| 41 | AC | TUAL | ESTIMATED | DIFFEF AMOUNT | ENCE % | ACTUAL | | ESTIMATED | DIFFERENCE AMOUNT | % | |
| B. Sales Revenues (Exclude Revenue Taxes & Franchise Tax | es) | | | | | | | | | | |
| Jurisidictional Sales Revenue (Excluding GSLD) a. Base Fuel Revenue | \$ | \$ | | \$ | | \$ | \$ | \$ | | | |
| b. Fuel Recovery Revenue | 6, | 109,505 | 6,501,641 | (392,13 | 6.0% | 49,094,37 | 0 | 50,907,533 | (1,813,163) | -3.6% | |
| c. Jurisidictional Fuel Revenue | 6, | 109,505 | 6,501,641 | (392,13 | -6.0% | 49,094,37 | 0 | 50,907,533 | (1,813,163) | -3.6% | |
| d. Non Fuel Revenue | 2, | 554,791 | 1,525,642 | 1,029,14 | 67.5% | 20,067,45 | 5 | 12,608,040 | 7,459,415 | 59.2% | |
| e. Total Jurisdictional Sales Revenue | 8, | 664,296 | 8,027,283 | 637,01 | 7.9% | 69,161,82 | 5 | 63,515,573 | 5,646,252 | 8.9% | |
| Non Jurisdictional Sales Revenue | | 0 | 0 | | 0.0% | | 0 | 0 | 0 | 0.0% | |
| Total Sales Revenue (Excluding GSLD) | \$ 8, | 664,296 \$ | 8,027,283 | \$ 637,01 | 7.9% | \$ 69,161,82 | 5 \$ | 63,515,573 \$ | 5,646,252 | 8.9% | |
| C. KWH Sales (Excluding GSLD) | | | | | | | | | | | |
| Jurisdictional Sales KWH | 64, | 240,209 | 62,967,208 | 1,273,00 | 2.0% | 480,808,43 | 6 | 489,657,614 | (8,849,178) | -1.8% | |
| 2. Non Jurisdictional Sales | | 0 | 0 | | 0.0% | | 0 | 0 | 0 | 0.0% | |
| 3. Total Sales | 64, | 240,209 | 62,967,208 | 1,273,00 | 2.0% | 480,808,43 | 6 | 489,657,614 | (8,849,178) | -1.89 | |
| 4. Jurisdictional Sales % of Total KWH Sales | | 100.00% | 100.00% | 0.00 | 6 0.0% | 100.00 | % | 100.00% | 0.00% | 0.09 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

| | | CURRENT MONTH | | | | PERIOD TO DATE | | |
|--|----------------------|---------------|---|--|---|---|----------------------|---------|
| | ACTUAL | ESTIMATED | DIFFEREN(AMOUNT | CE % | ACTUAL | ESTIMATED | DIFFERENCI AMOUNT | E % |
| D. True-up Calculation (Excluding GSLD) | | | | | | | | |
| Jurisdictional Fuel Rev. (line B-1c) | \$ 6,109,505 \$ | 6,501,641 \$ | (392,136) | -6.0% | \$ 49,094,370 \$ | 50,907,533 \$ | (1,813,163) | -3.6% |
| Fuel Adjustment Not Applicable | | | | | | | | |
| a. True-up Provision | 131,846 | 131,846 | 0 | 0.0% | 1,186,614 | 1,186,614 | 0 | 0.0% |
| b. Incentive Provision | | | | F-85000000000000000000000000000000000000 | | | | |
| c. Transition Adjustment (Regulatory Tax Refund) | | | | | | | 0 | 0.0% |
| Jurisdictional Fuel Revenue Applicable to Period | 5,977,659 | 6,369,795 | (392, 136) | -6.2% | 47,907,756 | 49,720,919 | (1,813,163) | -3.7% |
| Adjusted Total Fuel & Net Power Transaction (Line A-7) | 5,724,597 | 5,166,746 | 557,851 | 10.8% | 49,602,693 | 46,660,721 | 2,941,972 | 6.3% |
| Jurisdictional Sales % of Total KWH Sales (Line C-4) | 100% | 100% | 0.00% | 0.0% | N/A | N/A | | |
| Jurisdictional Total Fuel & Net Power Transactions (Line D-4 x Line D-5 x *) | 5,724,597 | 5,166,746 | 557,851 | 10.8% | 49,602,693 | 46,660,721 | 2,941,972 | 6.3% |
| True-up Provision for the Month Over/Under Collection (Line D-3 - Line D-6) | 253,062 | 1,203,049 | (949,987) | -79.0% | (1,694,937) | 3,060,198 | (4,755,135) | -155.4% |
| 8. Interest Provision for the Month | (792) | 77 | (869) | -1128.6% | (6,377) | (325) | (6,052) | 1862.0% |
| 9. True-up & Inst. Provision Beg. of Month | (2,509,072) | 1,329,367 | (3,838,439) | -288.7% | (1,610,257) | (1,582,148) | (28,109) | 1.8% |
| 9a. Deferred True-up Beginning of Period | | | , | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | , -,,, | |
| 10. True-up Collected (Refunded) | 131,846 | 131,846 | 0 | 0.0% | 1,186,614 | 1,186,614 | 0 | 0.0% |
| 11. End of Period - Total Net True-up | \$ (2,124,956) \$ | 2,664,339 \$ | (4,789,295) | -179.8% | | 2,664,339 \$ | (4,789,295) | -179.8% |
| (Lines D7 through D10) | , | | , | | , , , , , , , , , | , I | , , -,, | |

^{*} Jurisdictional Loss Multiplier

Company: FLORIDA PUBLIC UTILITIES COMPANY

Division:

CONSOLIDATED ELECTRIC DIVISIONS

Month of:

| | | CURRENT MONTH | | | | PERIOD TO DATE | | |
|--|--|---|--|--|---|---|---------------------|---------|
| | ACTUAL | ESTIMATED | DIFFERENC AMOUNT | E % | ACTUAL | ESTIMATED | DIFFERENC AMOUNT | CE % |
| E. Interest Provision (Excluding GSLD) 1. Beginning True-up Amount (lines D-9 + 9a) 2. Ending True-up Amount Before Interest (line D-7 + Lines D-9 + 9a + D-10) 3. Total of Beginning & Ending True-up Amount 4. Average True-up Amount (50% of Line E-3) 5. Interest Rate - First Day Reporting Business Month 6. Interest Rate - First Day Subsequent Business Month 7. Total (Line E-5 + Line E-6) 8. Average Interest Rate (50% of Line E-7) 9. Monthly Average Interest Rate (Line E-8 / 12) 10. Interest Provision (Line E-4 x Line E-9) | \$ (2,509,072) \$ (2,124,164) (4,633,236) (2,316,618) \$ 0.4300% 0.3900% 0.8200% 0.4100% 0.0342% (792) | 1,329,367 \$ 2,664,262 3,993,629 1,996,814 \$ N/A N/A N/A N/A N/A N/A N/A | (3,838,439) (4,788,426) (8,626,865) (4,313,432) | -288.7% -179.7% -216.0% -216.0% | N/A N/A N/A N/A N/A N/A N/A N/A N/A | N/A N/A N/A N/A N/A N/A N/A N/A N/A | | |

ELECTRIC ENERGY ACCOUNT Month of:

| | | | CURRENT MON | TH | | | PERIOD TO DA | TF | |
|------------|---|----------------------|----------------------|------------|------------------|------------|----------------|-------------|----------|
| | | | | DIFFERENCE | | | I LINIOD TO DA | DIFFERENC | ·= |
| | | ACTUAL | ESTIMATED | AMOUNT | % | ACTUAL | ESTIMATED | AMOUNT | % |
| | (MWH) | | | | | | | | |
| 1 | System Net Generation | 0 | 0 | | 0.000/ | | | | |
| 2 | Power Sold | 0 | 0 | 0 | 0.00% | 0 | 0 | 0 | 0.00% |
| 3 | Inadvertent Interchange Delivered - NET | | | | | | | | |
| 4 | Purchased Power | 53,167 | 48,700 | 4.467 | 9.17% | 479.940 | 473.700 | 6,240 | 1.32% |
| 4a | Energy Purchased For Qualifying Facilities | 1.097 | 16,201 | (15,104) | -93.23% | 10.744 | 62,552 | (51,808) | -82.82% |
| 5 | Economy Purchases | .,, | 10,201 | (10,101) | 00.2070 | 10,744 | 02,332 | (31,000) | -02.0276 |
| 6 | Inadvertent Interchange Received - NET | | | | | | | | |
| 7 | Net Energy for Load | 54,264 | 64,901 | (10,637) | -16.39% | 490,684 | 536,252 | (45,568) | -8.50% |
| 8 | Sales (Billed) | 66,810 | 64,504 | 2,306 | 3.57% | 498,279 | 510,882 | (12,603) | -2.47% |
| 8a | Unbilled Sales Prior Month (Period) | | | | | | | | |
| 8b 9 | Unbilled Sales Current Month (Period) Company Use | | 774740 | 00020 | | | | | |
| 10 | T&D Losses Estimated @ 0.0 | 58 | 48 | 10 | 20.13% | 437 | 290 | 147 | 50.80% |
| 11 | Unaccounted for Energy (estimated) | 6 3,256 (15,860) | 3,894 | (638) | -16.38% | 29,441 | 32,175 | (2,734) | -8.50% |
| 12 | Chaccounica for Energy (estimated) | (15,660) | (3,545) | (12,315) | 347.39% | (37,473) | (7,095) | (30,378) | 428.17% |
| 13 | % Company Use to NEL | 0.11% | 0.07% | 0.04% | 57.14% | 0.09% | 0.05% | 0.04% | 80.00% |
| 14 | % T&D Losses to NEL | 6.00% | 6.00% | 0.00% | 0.00% | 6.00% | 6.00% | 0.00% | 0.00% |
| 15 | % Unaccounted for Energy to NEL | -29.23% | -5.46% | -23.77% | 435.35% | -7.64% | -1.32% | -6.32% | 478.79% |
| | (\$) | | | | | | | | |
| 16 | Fuel Cost of Sys Net Gen | 5,918 | 11,744 | (5,826) | -0.4961 | 53,264 | 65,421 | (12,157) | -0.1858 |
| 16a | Fuel Related Transactions | | | 8 8 9 | 1 | 7. 752 | • | (| |
| 16b | Adjustments to Fuel Cost | | | | | | | | |
| 17 18 | Fuel Cost of Power Sold Fuel Cost of Purchased Power | 0.500.507 | 0 =0= 0 | | | | | | |
| 18a | Demand & Non Fuel Cost of Pur Power | 2,569,597 | 2,527,614 | 41,983 | 1.66% | 23,036,242 | 24,189,811 | (1,153,569) | -4.77% |
| 18b | Energy Payments To Qualifying Facilities | 2,608,670 703,276 | 2,223,831 747,988 | 384,839 | 17.31% -5.98% | 24,013,156 | 22,841,624 | 1,171,532 | 5.13% |
| 19 | Energy Cost of Economy Purch. | 703,270 | 747,300 | (44,712) | -5.96% | 3,951,645 | 2,959,900 | 991,745 | 33.51% |
| 20 | Total Fuel & Net Power Transactions | 5,887,461 | 5,511,177 | 376,284 | 6.83% | 51,054,307 | 50,056,756 | 997,551 | 1.99% |
| | | | | | | | | 50.,651 | 110070 |
| | (Cents/KWH) | | | | | | | | |
| 21 | Fuel Cost of Sys Net Gen | | | | | | | | |
| 21a | Fuel Related Transactions | | | | | | | | |
| 22 | Fuel Cost of Power Sold | | 20 2000000 | | | | | | |
| 23 23a | Fuel Cost of Purchased Power | 4.833 | 5.190 | (0.357) | -6.88% | 4.800 | 5.107 | (0.307) | -6.01% |
| 23a 23b | Demand & Non Fuel Cost of Pur Power Energy Payments To Qualifying Facilities | 4.907 | 4.566 | 0.341 | 7.47% | 5.003 | 4.822 | 0.181 | 3.75% |
| 24 | Energy Cost of Economy Purch. | 64.131 | 4.617 | 59.514 | 1289.02% | 36.780 | 4.732 | 32.048 | 677.26% |
| 25 | Total Fuel & Net Power Transactions | 10.850 | 8.492 | 2.358 | 27.77% | 10.405 | 9.335 | 1.070 | 11.46% |
| | | 10.000 | 5.402 | 2.000 | 21.11/0 | 10.400 | შ.ააა | 1.070 | 11.40% |

PURCHASED POWER

(Exclusive of Economy Energy Purchases)

| | | For the Period/ | Month of: | SEPTEMBER | 2016 | | | |
|--|-----------------------|-------------------------------------|--|---|-------------------------------------|--|---|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | | (8) |
| PURCHASED FROM | TYPE & SCHEDULE | TOTAL KWH PURCHASED (000) | KWH FOR OTHER UTILITIES (000) | KWH FOR INTERRUP- TIBLE (000) | KWH FOR FIRM (000) | (a) FUEL COST | (b) TOTAL COST | TOTAL \$ FOR FUEL ADJ. (6)X(7)(a) \$ |
| ESTIMATED: | | L | | | - I | L | | |
| JEA AND GULF | MS | 48,700 | | | 48,700 | 5.190172 | 9.756561 | 2,527,614 |
| TOTAL | | 48,700 | 0 | 0 | 48,700 | 5.190172 | 9.756561 | 2,527,614 |
| ACTUAL: | | | | | | | | |
| JEA GULF/SOUTHERN Other Other Other | MS | 24,176 28,991 0 0 0 | | | 24,176 28,991 0 0 0 | 3.674938 5.798848 0.000000 0.000000 0.000000 0.000000 | 9.267190 10.133597 0.000000 0.000000 0.000000 0.000000 | 888,453 1,681,144 0 0 0 |
| TOTAL | | 53,167 | 0 | 0 | 53,167 | 9.473786 | 9.267190 | 2,569,597 |
| CURRENT MONTH: DIFFERENCE DIFFERENCE (%) | | 4,467 9.2% | 0 0.0% | 0 | 4,467 9.2% | 4.283614 82.5% | (0.48937) -5.0% | 41,983 1.7% |
| PERIOD TO DATE: ACTUAL ESTIMATED DIFFERENCE DIFFERENCE (%) | MS MS | 479,940 473,700 6,240 1.3% | 0 0.0% | 0 0.0% | 479,940 473,700 6,240 1.3% | 4.799817 5.106568 (0.306751) -6.0% | 4.899817 5.206568 -0.306751 -5.9% | 23,036,242 24,189,811 (1,153,569) -4.8% |

ENERGY PAYMENT TO QUALIFYING FACILITIES

| | | For the Period/Mo | onth of: | SEPTEMBER | 2016 | | | |
|--|-----------------------|--|---------------------------------|-----------------------------|--|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | | (8) |
| | | TOTAL | KWH | KWH FOR | KWH | CENTS/KWH | | TOTAL \$ FOR FUEL ADJ. |
| PURCHASED FROM | TYPE & SCHEDULE | KWH PURCHASED (000) | FOR OTHER UTILITIES (000) | INTERRUP- TIBLE (000) | FOR FIRM (000) | (a) FUEL COST | (b) TOTAL COST | (6)X(7)(a) |
| ESTIMATED: | | • | | | • | | • | |
| ROCKTENN, EIGHT FLAGS AND RAYONIER | | 16,201 | | | 16,201 | 4.616925 | 4.616925 | 747,988 |
| TOTAL | | 16,201 | 0 | 0 | 16,201 | 4.616925 | 4.616925 | 747,988 |
| ACTUAL: | | | | | | | | |
| ROCKTENN, EIGHT FLAGS AND RAYONIER | | 1,097 | | | 1,097 | 64.130785 | 64.130785 | 703,276 |
| TOTAL | | 1,097 | 0 | 0 | 1,097 | 64.130785 | 64.130785 | 703,276 |
| | | | | | <u> </u> | | | |
| CURRENT MONTH: DIFFERENCE DIFFERENCE (%) | | (15,104) -93.2% | 0 0.0% | 0 0.0% | (15,104) -93.2% | 59.513860 1289.0% | 59.513860 1289.0% | (44,712) -6.0% |
| PERIOD TO DATE: ACTUAL ESTIMATED DIFFERENCE DIFFERENCE (%) | MS MS | 10,744 62,552 (51,808) -82.8% | 0 0.0% | 0 0.0% | 10,744 62,552 (51,808) -82.8% | 36.780091 4.731903 32.048188 677.3% | 36.780091 4.731903 32.048188 677.3% | 3,951,645 2,959,900 991,745 33.5% |

DIFFERENCE (%)

ECONOMY ENERGY PURCHASES

INCLUDING LONG TERM PURCHASES

For the Period/Month of: SEPTEMBER 2016 (1) (2) (3) (4) (5) (6) (7) TOTAL \$ FOR COST IF GENERATED FUEL TOTAL FUEL ADJ. SAVINGS TYPE **KWH** TRANS. (a) (b) PURCHASED FROM & PURCHASED COST (3) X (4)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