

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for approval of modifications to
rate schedule LS-1, lighting service, by Duke
Energy Florida, LLC.

DOCKET NO. 20190023-EI
ORDER NO. PSC-2019-0100-TRF-EI
ISSUED: March 13, 2019

The following Commissioners participated in the disposition of this matter:

ART GRAHAM, Chairman
JULIE I. BROWN
DONALD J. POLMANN
GARY F. CLARK
ANDREW GILES FAY

ORDER APPROVING DUKE ENERGY FLORIDA, LLC'S
LS-1 RATE SCHEDULE MODIFICATIONS

BY THE COMMISSION:

Background

On January 17, 2019, Duke Energy Florida, LLC (DEF or utility), filed a petition for approval of modifications to its Lighting Service (LS-1) rate schedule. Specifically, DEF proposed to close the metal halide and sodium vapor fixture options for new installations, add new Light Emitting Diode (LED) fixtures, and add new pole options. The tariff sheets approved herein are included as Attachment 1.

On February 8, 2019, DEF responded to Commission staff's first data request. We have jurisdiction over this matter pursuant to Section 366.06, Florida Statutes.

Decision

DEF's LS-1 rate schedule is available to customers for the purpose of lighting roadways and other outdoor areas. DEF proposed four revisions to its LS-1 rate schedule which are discussed below.

First, DEF proposed to close the metal halide fixture options for new installations. Existing metal halide lighting customers can continue to use them until either the fixture or the ballast, or both, fails. The ballast regulates the current to the lamps and provides voltage to start the lamps. At the time of fixture or ballast failure, the metal halide fixture will be replaced with a comparable LED fixture and applicable monthly rates will apply. LED fixtures do not require a ballast to regulate the current.

DEF explained that the Energy Independence and Security Act of 2007 requires that ballasts installed in metal halide fixtures meet higher energy efficiency standards, and as of early 2017, certain metal halide lamps of certain wattages cannot contain a probe-start ballast. DEF stated that metal halide fixtures and ballasts have been gradually phased out in order to meet the Energy Independence and Security Act of 2007 guideline requirements; therefore, manufacturers no longer produce metal halide fixtures.

Second, DEF proposed to close the sodium vapor fixture options for new installations. Although the Energy Independence and Security Act of 2007 does not limit the production of ballasts for sodium vapor fixtures, manufacturers are now primarily producing LED fixtures. DEF contends that the market is moving towards higher energy efficiency lighting technology and customers also prefer LED lighting.

Existing sodium vapor lighting customers can continue to use them until the fixture fails or the damaged fixture needs repair along with the replacement of the ballast. At that time, DEF explained that it will work with the customer to find a sodium vapor fixture that matches what is currently in the neighborhood or replace the sodium vapor fixture with a comparable LED fixture. DEF stated that as manufacturers continue to transition away from sodium vapor lights towards LED fixtures, finding a matching sodium vapor fixture may become increasingly difficult.

Third, in order to expand the fixture and pole options available to customers, DEF proposed to add several new LED fixtures and pole options to its existing offerings. The proposed new fixtures and poles are shown in revised Tariff Sheet Nos. 6.2811, 6.2812, 6.282, and 6.2821.

The utility provided cost support information for the newly introduced LED fixtures and poles. The charges for the LED fixtures are comprised of three components: a fixture charge, a maintenance charge, and a non-fuel energy charge, consistent with DEF's other lighting options. The fixture charges were developed based on material, design, labor, storage, and vehicle costs associated with the installation multiplied by the currently approved 1.59 percent fixture rental rate to determine the monthly fixture charge. The maintenance charges were developed based on DEF's estimated maintenance cost for the components (e.g., driver, photo control, luminaire) of the fixtures. The non-fuel energy charge is determined by multiplying the estimated kilowatt-hour usage by fixture type by the currently approved non-fuel energy charge for lighting service (2.547 cents per kilowatt-hour). All other Commission-approved LS-1 recovery clause factors will be applied to the estimated usage.

The monthly pole charges were developed based on the material costs and DEF's labor rates to install a pole multiplied by the currently approved 1.82 percent pole rental rate. The new pole types are aluminum or concrete.

Finally, DEF proposed to update Note 2 under Notes to Per Unit Charges on revised Tariff Sheet No. 6.283. The proposed revision will make the Note more applicable to LED lighting fixtures, which do not contain ballasts, and state that the wattage ratings may vary with lamp configuration.

We have reviewed the petition, data responses, and the necessary cost support information submitted by DEF, and find the charges are reasonable and appropriate. The proposed new LED fixture and pole options are cost based and expand the fixture and pole options available to customers. Closing the current metal halide and sodium vapor options to new installations allows DEF to recognize energy efficiencies and technological improvements in the lighting industry.

Given the information discussed above, we find that DEF's modifications to its LS-1 rate schedule are reasonable and are hereby approved. The revised tariffs are effective as of March 5, 2019, the date of our vote on this matter.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that Duke Energy Florida, LLC's modifications to its LS-1 rate schedule, as discussed in the body of this Order, are approved effective March 5, 2019. It is further

ORDERED that if a protest is filed within 21 days of issuance of this Order, the revised tariffs shall remain in effect with any charges held subject to refund pending resolution of the protest. It is further

ORDERED that if no timely protest is filed, this docket shall be closed upon the issuance of a Consummating Order.

By ORDER of the Florida Public Service Commission this 13th day of March, 2019.


ADAM J. TEITZMAN
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399
(850) 413-6770
www.floridapsc.com

Copies furnished: A copy of this document is provided to the parties of record at the time of issuance and, if applicable, interested persons.

NOTICE OF FURTHER PROCEEDINGS

The Florida Public Service Commission is required by Section 120.569(1), Florida Statutes, to notify parties of any administrative hearing or judicial review of Commission orders that is available under Sections 120.57 or 120.68, Florida Statutes, as well as the procedures and time limits that apply. This notice should not be construed to mean all requests for an administrative hearing or judicial review will be granted or result in the relief sought.

Mediation may be available on a case-by-case basis. If mediation is conducted, it does not affect a substantially interested person's right to a hearing.

The Commission's decision on these tariffs are interim in nature and will become final, unless a person whose substantial interests are affected by the proposed action files a petition for a formal proceeding, in the form provided by Rule 28-106.201, Florida Administrative Code. This petition must be received by the Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on April 3, 2019. In the absence of such a petition, this Order shall become final and effective upon the issuance of a Consummating Order.

Any objection or protest filed in this docket before the issuance date of this Order is considered abandoned unless it satisfies the foregoing conditions and is renewed within the specified protest period.



6.280

SECTION NO. VI
 THIRTY-~~SECOND~~-THIRD REVISED SHEET NO. 6.280
 CANCELS THIRTY-~~FIRST~~-~~SECOND~~ REVISED SHEET NO.

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**RATE SCHEDULE LS-1
 LIGHTING SERVICE**

Availability:

Available throughout the entire territory served by the Company.

Applicable:

To any customer for the sole purpose of lighting roadways or other outdoor land use areas; served from either Company or customer owned fixtures of the type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Character of Service:

Continuous dusk to dawn automatically controlled lighting service (i.e. photoelectric cell); alternating current, 60 cycle, single phase, at the Company's standard voltage available.

Limitation of Service:

Availability of certain fixture or pole types at a location may be restricted due to accessibility.

Standby or resale service not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Rate Per Month:

Customer Charge:

Unmetered: \$ 1.31 per line of billing
 Metered: \$ 3.77 per line of billing

Energy and Demand Charge:

Non-Fuel Energy Charge: 2.547¢ per kWh

Plus the Cost Recovery Factors listed in Rate Schedule BA-1, *Billing Adjustments*, except the Fuel Cost Recovery Factor and Asset Securitization Charge Factor: See Sheet No. 6.105 and 6.106

Per Unit Charges:

I. Fixtures:

| BILLING TYPE | DESCRIPTION | LAMP SIZE ² | | | CHARGES PER UNIT | | |
|------------------------------------|-------------|------------------------|--------------|-----|------------------|-------------|------------------------------|
| | | INITIAL LUMENS OUTPUT | LAMP WATTAGE | kWh | FIXTURE | MAINTENANCE | NON-FUEL ENERGY ³ |
| Incandescent: ¹ | | | | | | | |
| 110 | Roadway | 1,000 | 105 | 32 | \$1.03 | \$4.07 | \$0.82 |
| 115 | Roadway | 2,500 | 205 | 66 | 1.61 | 3.67 | 1.68 |
| 170 | Post Top | 2,500 | 205 | 72 | 20.39 | 3.67 | 1.83 |
| Mercury Vapor: ¹ | | | | | | | |
| 205 | Open Bottom | 4,000 | 100 | 44 | \$2.55 | \$1.80 | \$1.12 |
| 210 | Roadway | 4,000 | 100 | 44 | 2.95 | 1.80 | 1.12 |
| 215 | Post Top | 4,000 | 100 | 44 | 3.47 | 1.80 | 1.12 |
| 220 | Roadway | 8,000 | 175 | 71 | 3.34 | 1.77 | 1.81 |
| 225 | Open Bottom | 8,000 | 175 | 71 | 2.50 | 1.77 | 1.81 |
| 235 | Roadway | 21,000 | 400 | 158 | 4.04 | 1.81 | 4.02 |
| 240 | Roadway | 62,000 | 1,000 | 386 | 5.29 | 1.78 | 9.83 |
| 245 | Flood | 21,000 | 400 | 158 | 5.29 | 1.81 | 4.02 |
| 250 | Flood | 62,000 | 1,000 | 386 | 6.20 | 1.78 | 9.83 |

(Continued on Page No. 2)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE: ~~January 1, 2019~~



6-281

SECTION NO. VI
~~TWENTY-NINTH~~~~THIRTIETH~~ REVISED SHEET NO. 6.281
 CANCELS ~~TWENTY-EIGHTH~~~~NINTH~~ REVISED SHEET NO.

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RATE SCHEDULE LS-1
 LIGHTING SERVICE
 (Continued from Page No. 1)

I. Fixtures: (Continued)

| BILLING TYPE | DESCRIPTION | LAMP SIZE ² | | | CHARGES PER UNIT | | |
|--------------|---|------------------------|--------------|-----|------------------|-------------|------------------------------|
| | | INITIAL LUMENS OUTPUT | LAMP WATTAGE | kWh | FIXTURE | MAINTENANCE | NON-FUEL ENERGY ³ |
| | Sodium Vapor: ¹ | | | | | | |
| 300 | HPS Deco Rdwy White | 50,000 | 400 | 168 | \$14.73 | \$1.61 | \$4.28 |
| 301 | Sandpiper HPS Deco Roadway | 27,500 | 250 | 104 | 13.81 | 1.72 | 2.65 |
| 302 | Sandpiper HPS Deco Rdwy Bk | 9,500 | 100 | 42 | 14.73 | 1.58 | 1.07 |
| 305 | Open Bottom ⁺ | 4,000 | 50 | 21 | 2.54 | 2.04 | 0.53 |
| 310 | Roadway ⁺ | 4,000 | 50 | 21 | 3.12 | 2.04 | 0.53 |
| 313 | Open Bottom ⁺ | 6,500 | 70 | 29 | 4.19 | 2.05 | 0.74 |
| 314 | Hometown II | 9,500 | 100 | 42 | 4.08 | 1.72 | 1.07 |
| 315 | Post Top - Colonial/Contemp ⁺ | 4,000 | 50 | 21 | 5.04 | 2.04 | 0.53 |
| 316 | Colonial Post Top ⁺ | 4,000 | 50 | 34 | 4.05 | 2.04 | 0.87 |
| 318 | Post Top ⁺ | 9,500 | 100 | 42 | 2.50 | 1.72 | 1.07 |
| 320 | Roadway-Overhead Only | 9,500 | 100 | 42 | 3.64 | 1.72 | 1.07 |
| 321 | Deco Post Top - Monticello | 9,500 | 100 | 49 | 12.17 | 1.72 | 1.25 |
| 322 | Deco Post Top - Flagler | 9,500 | 100 | 49 | 16.48 | 1.72 | 1.25 |
| 323 | Roadway-Turtle OH Only | 9,500 | 100 | 42 | 4.32 | 1.72 | 1.07 |
| 325 | Roadway-Overhead Only | 16,000 | 150 | 65 | 3.78 | 1.75 | 1.66 |
| 326 | Deco Post Top - Sanibel | 9,500 | 100 | 49 | 18.16 | 1.72 | 1.25 |
| 330 | Roadway-Overhead Only | 22,000 | 200 | 87 | 3.64 | 1.83 | 2.22 |
| 335 | Roadway-Overhead Only | 27,500 | 250 | 104 | 4.16 | 1.72 | 2.65 |
| 336 | Roadway-Bridge ⁺ | 27,500 | 250 | 104 | 6.74 | 1.72 | 2.65 |
| 337 | Roadway-DOT ⁺ | 27,500 | 250 | 104 | 5.87 | 1.72 | 2.65 |
| 338 | Deco Roadway-Maitland | 27,500 | 250 | 104 | 9.62 | 1.72 | 2.65 |
| 340 | Roadway-Overhead Only | 50,000 | 400 | 169 | 5.03 | 1.76 | 4.30 |
| 341 | HPS Flood-City of Sebring only ⁺ | 16,000 | 150 | 65 | 4.06 | 1.75 | 1.66 |
| 342 | Roadway-Tumpike ⁺ | 50,000 | 400 | 168 | 8.95 | 1.76 | 4.28 |
| 343 | Roadway-Tumpike ⁺ | 27,500 | 250 | 108 | 9.12 | 1.72 | 2.75 |
| 345 | Flood-Overhead Only | 27,500 | 250 | 103 | 5.21 | 1.72 | 2.62 |
| 347 | Clermont | 9,500 | 100 | 49 | 20.65 | 1.72 | 1.25 |
| 348 | Clermont | 27,500 | 250 | 104 | 22.65 | 1.72 | 2.65 |
| 350 | Flood-Overhead Only | 50,000 | 400 | 170 | 5.19 | 1.76 | 4.33 |
| 351 | Underground Roadway | 9,500 | 100 | 42 | 6.22 | 1.72 | 1.07 |
| 352 | Underground Roadway | 16,000 | 150 | 65 | 7.58 | 1.75 | 1.66 |
| 354 | Underground Roadway | 27,500 | 250 | 108 | 8.10 | 1.72 | 2.75 |
| 356 | Underground Roadway | 50,000 | 400 | 168 | 8.69 | 1.76 | 4.28 |
| 357 | Underground Flood | 27,500 | 250 | 108 | 9.36 | 1.72 | 2.75 |
| 358 | Underground Flood ⁺ | 50,000 | 400 | 168 | 9.49 | 1.76 | 4.28 |
| 359 | Underground Turtle Roadway | 9,500 | 100 | 42 | 6.09 | 1.72 | 1.07 |
| 360 | Deco Roadway Rectangular ⁺ | 9,500 | 100 | 47 | 12.53 | 1.72 | 1.20 |
| 365 | Deco Roadway Rectangular | 27,500 | 250 | 108 | 11.89 | 1.72 | 2.75 |
| 366 | Deco Roadway Rectangular | 50,000 | 400 | 168 | 12.00 | 1.76 | 4.28 |
| 370 | Deco Roadway Round ⁺ | 27,500 | 250 | 108 | 15.41 | 1.72 | 2.75 |
| 375 | Deco Roadway Round ⁺ | 50,000 | 400 | 168 | 15.42 | 1.76 | 4.28 |
| 380 | Deco Post Top - Ocala | 9,500 | 100 | 49 | 8.78 | 1.72 | 1.25 |
| 381 | Deco Post Top ⁺ | 9,500 | 100 | 49 | 4.05 | 1.72 | 1.25 |
| 383 | Deco Post Top-Biscayne | 9,500 | 100 | 49 | 14.17 | 1.72 | 1.25 |
| 385 | Deco Post Top - Sebring | 9,500 | 100 | 49 | 6.75 | 1.72 | 1.25 |
| 393 | Deco Post Top ⁺ | 4,000 | 50 | 21 | 8.72 | 2.04 | 0.53 |
| 394 | Deco Post Top ⁺ | 9,500 | 100 | 49 | 18.16 | 1.72 | 1.25 |

(Continued on Page No. 3)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy - FL

EFFECTIVE: ~~January 1, 2019~~



SECTION NO. VI
~~NINTH-TENTH~~ REVISED SHEET NO. 6.2811
 CANCELS ~~EIGHTH-NINTH~~ REVISED SHEET NO. 6.2811

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**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. 2)

I. Fixtures: (Continued)

| BILLING TYPE | DESCRIPTION | LAMP SIZE ² | | | CHARGES PER UNIT | | |
|------------------------------------|---------------------------------------|------------------------|--------------|-------------|------------------|-------------|------------------------------|
| | | INITIAL LUMENS OUTPUT | LAMP WATTAGE | kWh | FIXTURE | MAINTENANCE | NON-FUEL ENERGY ³ |
| Metal Halide: ¹ | | | | | | | |
| 307 | Deco Post Top-MH San bel P | 11,600 | 150 | 65 | \$16.85 | \$2.68 | \$1.66 |
| 308 | Clermont Tear Drop P | 11,600 | 150 | 65 | 19.91 | 2.68 | 1.66 |
| 309 | MH Deco Rectangular P | 36,000 | 320 | 126 | 13.07 | 2.74 | 3.21 |
| 311 | MH Deco Cube P | 36,000 | 320 | 126 | 15.98 | 2.74 | 3.21 |
| 312 | MH Flood P | 36,000 | 320 | 126 | 10.55 | 2.74 | 3.21 |
| 319 | MH Post Top Biscayne P | 11,600 | 150 | 65 | 15.24 | 2.68 | 1.66 |
| 327 | Deco Post Top-MH San bel ⁴ | 12,000 | 175 | 74 | 18.39 | 2.72 | 1.88 |
| 349 | Clermont Tear Drop ⁴ | 12,000 | 175 | 74 | 21.73 | 2.72 | 1.88 |
| 371 | MH Deco Rectangular ⁴ | 38,000 | 400 | 159 | 14.26 | 2.84 | 4.05 |
| 372 | MH Deco Circular ⁴ | 38,000 | 400 | 159 | 16.70 | 2.84 | 4.05 |
| 373 | MH Deco Rectangular ^{4,5} | 110,000 | 1,000 | 378 | 15.30 | 2.96 | 9.63 |
| 386 | MH Flood ^{4,5} | 110,000 | 1,000 | 378 | 13.17 | 2.96 | 9.63 |
| 389 | MH Flood-Sportslighter ^{4,5} | 110,000 | 1,000 | 378 | 13.01 | 2.96 | 9.63 |
| 390 | MH Deco Cube ⁴ | 38,000 | 400 | 159 | 17.44 | 2.84 | 4.05 |
| 396 | Deco PT MH San bel Dual ⁵ | 24,000 | 350 | 148 | 33.73 | 5.43 | 3.77 |
| 397 | MH Post Top-Biscayne ⁴ | 12,000 | 175 | 74 | 14.98 | 2.72 | 1.88 |
| 398 | MH Deco Cube ^{4,5} | 110,000 | 1,000 | 378 | 20.34 | 2.96 | 9.63 |
| 399 | MH Flood | 38,000 | 400 | 159 | 11.51 | 2.84 | 4.05 |
| Light Emitting Diode (LED): | | | | | | | |
| 106 | Underground San bel | 5,500 | 70 | 25 | \$20.80 | \$1.39 | \$0.64 |
| 107 | Underground Traditional Open | 3,908 | 49 | 17 | 13.57 | 1.39 | 0.43 |
| 108 | Underground Traditional w/Lens | 3,230 | 49 | 17 | 13.57 | 1.39 | 0.43 |
| 109 | Underground Acorn | 4,332 | 70 | 25 | 20.16 | 1.39 | 0.64 |
| 111 | Underground Mini Bell | 2,889 | 50 | 18 | 17.88 | 1.39 | 0.46 |
| 121 | <u>Shoebox Bronze III</u> | <u>21,164</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 122 | <u>Shoebox Bronze IV</u> | <u>20,555</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 123 | <u>Shoebox Bronze V</u> | <u>21,803</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 124 | <u>Shoebox Black III</u> | <u>21,164</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 126 | <u>Shoebox Black IV FWT</u> | <u>20,555</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 127 | <u>Shoebox Black V</u> | <u>21,803</u> | <u>213</u> | <u>75</u> | <u>20.42</u> | <u>1.39</u> | <u>1.91</u> |
| 130 | <u>Monticello 3000 Kelvin</u> | <u>4,430</u> | <u>50</u> | <u>17.5</u> | <u>20.16</u> | <u>1.39</u> | <u>0.45</u> |
| 133 | ATBO Roadway | 4,521 | 48 | 17 | 6.22 | 1.39 | 0.43 |
| 134 | Underground ATBO Roadway | 4,521 | 48 | 17 | 7.71 | 1.39 | 0.43 |
| 136 | Roadway | 9,233 | 108 | 38 | 7.05 | 1.39 | 0.97 |
| 137 | Underground Roadway | 9,233 | 108 | 38 | 8.55 | 1.39 | 0.97 |
| 138, 176 | Roadway | 18,642 | 216 | 76 | 11.61 | 1.39 | 1.94 |
| 139 | Underground Roadway | 18,642 | 216 | 76 | 13.11 | 1.39 | 1.94 |
| 141, 177 | Roadway | 24,191 | 284 | 99 | 14.08 | 1.39 | 2.52 |
| 142, 162 | Underground Roadway | 24,191 | 284 | 99 | 15.58 | 1.39 | 2.52 |
| 147, 174 | Roadway | 12,642 | 150 | 53 | 9.74 | 1.39 | 1.35 |
| 148 | Underground Roadway | 12,642 | 150 | 53 | 11.24 | 1.39 | 1.35 |
| 151 | ATBS Roadway | 4,500 | 49 | 17 | 5.07 | 1.39 | 0.43 |
| 156 | <u>Shoebox Bronze IV FWT</u> | <u>39,078</u> | <u>421</u> | <u>147</u> | <u>29.20</u> | <u>1.39</u> | <u>3.74</u> |
| 157 | <u>Shoebox Bronze V</u> | <u>43,317</u> | <u>421</u> | <u>147</u> | <u>29.20</u> | <u>1.39</u> | <u>3.74</u> |
| 158 | <u>Shoebox Black IV FWT</u> | <u>39,078</u> | <u>421</u> | <u>147</u> | <u>29.20</u> | <u>1.39</u> | <u>3.74</u> |
| 159 | <u>Shoebox Black V</u> | <u>43,317</u> | <u>421</u> | <u>147</u> | <u>29.20</u> | <u>1.39</u> | <u>3.74</u> |
| 163 | <u>Shoebox Pedestrian Bronze</u> | <u>3,130</u> | <u>50</u> | <u>17</u> | <u>12.91</u> | <u>1.39</u> | <u>0.43</u> |
| 164 | <u>Shoebox Pedestrian Black</u> | <u>3,130</u> | <u>50</u> | <u>17</u> | <u>14.05</u> | <u>1.39</u> | <u>0.43</u> |
| 167 | Underground Mitchell | 5,186 | 50 | 18 | 21.44 | 1.39 | 0.46 |
| 168 | Underground Mitchell w/Top Hat | 4,336 | 50 | 18 | 21.44 | 1.39 | 0.46 |

(Continued on Page No. 4)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL
 EFFECTIVE: **January 1, 2019**



SECTION NO. VI
 ORIGINAL SHEET NO. 6.2812

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**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. 3)

I. Fixtures: (Continued)

| BILLING TYPE | DESCRIPTION | LAMP SIZE ² | | | CHARGES PER UNIT | | |
|------------------------------------|--------------------------------|-----------------------------|-----------------|-----|------------------|-------------|---------------------------------|
| | | INITIAL LUMENS OUTPUT | LAMP WATTAGE | KWh | FIXTURE | MAINTENANCE | NON-FUEL ENERGY ³ |
| <u>Light Emitting Diode (LED):</u> | | | | | | | |
| <u>Continued</u> | | | | | | | |
| 169 | Teardrop | 8,472 | 150 | 52 | 28.54 | 1.39 | 1.32 |
| 181 | Sanibel | 10,820 | 150 | 52 | 21.31 | 1.39 | 1.32 |
| 182 | Biscayne | 4,655 | 60 | 21 | 19.11 | 1.39 | 0.53 |
| 183 | Clermont | 15,375 | 150 | 52 | 29.28 | 1.39 | 1.32 |
| 184 | ATBS Roadway, Overhead Feed | 4,195 | 40 | 14 | 4.57 | 1.39 | 0.36 |
| 185 | ATBS Roadway, Underground Feed | 4,195 | 40 | 14 | 6.06 | 1.39 | 0.36 |
| 186 | ATBS Roadway, Overhead Feed | 8,200 | 70 | 24 | 5.35 | 1.39 | 0.61 |
| 187 | ATBS Roadway, Underground Feed | 8,200 | 70 | 24 | 6.85 | 1.39 | 0.61 |
| 191 | Flood Overhead Feed | 13,729 | 130 | 46 | 10.57 | 1.39 | 1.17 |
| 192 | Flood Overhead Feed | 30,238 | 260 | 91 | 16.86 | 1.39 | 2.32 |
| 193 | Clermont | 7,451 | 50 | 18 | 26.91 | 1.39 | 0.46 |
| 194 | Flood Underground Feed | 13,729 | 130 | 46 | 12.06 | 1.39 | 1.17 |
| 195 | LED Flood Underground Feed | 30,238 | 260 | 91 | 18.35 | 1.39 | 2.32 |
| 196 | Amber Roadway Overhead | 4,133 | 70 | 25 | 11.28 | 1.39 | 0.64 |
| 197 | Amber Roadway Underground | 4,133 | 70 | 25 | 12.77 | 1.39 | 0.64 |
| 198 | Amber Roadway Overhead | 5,408 | 110 | 39 | 13.55 | 1.39 | 0.99 |
| 199 | Amber Roadway Underground | 5,408 | 110 | 39 | 15.04 | 1.39 | 0.99 |
| 361 | Roadway ¹ | 6,000 | 95 | 33 | 16.93 | 2.43 | 0.84 |
| 362 | Roadway ¹ | 9,600 | 157 | 55 | 20.07 | 2.43 | 1.40 |
| 363 | Shoebox Type 3 ¹ | 20,664 | 309 | 108 | 41.08 | 2.84 | 2.75 |
| 364 | Shoebox Type 4 ¹ | 14,421 | 206 | 72 | 32.59 | 2.84 | 1.83 |
| 367 | Shoebox Type 5 ¹ | 14,421 | 206 | 72 | 31.65 | 2.84 | 1.83 |
| 369 | Underground Biscayne | 6,500 | 80 | 28 | 18.60 | 1.39 | 0.71 |

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ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE:



SECTION NO. VI
~~EIGHTEENTH-NINETEENTH~~ REVISED SHEET NO. 6.282
 CANCELS ~~SEVENTEENTH-EIGHTEENTH~~ REVISED SHEET

NO. 6.282

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RATE SCHEDULE LS-1
 LIGHTING SERVICE
 (Continued from Page No. 34)

II. POLES

| BILLING TYPE | DESCRIPTION | CHARGE PER UNIT |
|--------------|---|-----------------|
| 404 | 35' Deco Concrete – Mariner | \$22.35 |
| 405 | Concrete, 30/35' | 5.05 |
| 406 | 16' Deco Conc – Single Sanibel | 11.70 |
| 407 | 16' Decon Conc – Double Sanibel | 12.61 |
| 408 | 26' Aluminum DOT Style Pole | 45.92 |
| 409 | 36' Aluminum DOT Style Pole | 54.80 |
| 410 | Concrete, 15' 1 | 2.31 |
| 411 | 16' Octagonal Conc 1 | 2.18 |
| 412 | 32' Octagonal Deco Concrete | 16.29 |
| 413 | 25' Tenon Top Concrete | 11.84 |
| 415 | Concrete, Curved 1 | 4.77 |
| 418 | 35' Tenon Top Black Concrete | 20.14 |
| 420 | Wood, 30/35' | 2.17 |
| 422 | <u>36ft OAL Aluminum Fluted Multi-Use Pole</u> | <u>117.51</u> |
| 423 | <u>29ft OAL Aluminum Fluted Multi-Use Pole</u> | <u>113.25</u> |
| 424 | <u>36ft OAL Aluminum 10" Multi-Use Pole</u> | <u>101.90</u> |
| 425 | Wood, 14' Laminated 1 | 2.38 |
| 428 | Deco Fiberglass, 35', Bronze, Reinforced 1 | 19.11 |
| 429 | Deco Fiberglass, 41', Bronze, Reinforced 1 | 31.54 |
| 430 | Fiberglass, 14', Black 1 | 2.51 |
| 431 | Deco Fiberglass, 41', Bronze 1 | 17.18 |
| 432 | Deco Fiberglass, 35', Bronze, Anchor Base 1 | 27.49 |
| 433 | Deco Fiberglass, 35', Bronze 1 | 13.60 |
| 434 | Deco Fiberglass, 20', Black, Deco Base 1 | 12.47 |
| 435 | Aluminum, Type A 1 | 6.59 |
| 436 | Deco Fiberglass, 16', Black, Fluted 1 | 19.50 |
| 437 | Fiberglass, 16', Black, Fluted, Dual Mount 1 | 21.94 |
| 438 | Deco Fiberglass, 20', Black 1 | 5.85 |
| 439 | Black Fiberglass 16' | 19.78 |
| 440 | Aluminum, Type B 1 | 7.33 |
| 441 | 15' Black Aluminum | 6.54 |
| 442 | <u>40ft OAL Conc Static Cast Multi-Use Pole</u> | <u>46.18</u> |
| 443 | <u>45ft OAL Conc Static Cast Multi-Use Pole</u> | <u>48.73</u> |
| 445 | Aluminum, Type C 1 | 14.33 |
| 446 | Deco Fiberglass, 30', Bronze 1 | 11.57 |
| 447 | Deco Fiberglass, 35', Silver, Anchor Base 1 | 21.40 |
| 448 | Deco Fiberglass, 41', Silver 1 | 18.00 |
| 449 | Deco Fiberglass, 16', Black, Fluted, Anchor Base 1 | 17.35 |
| 450 | Concrete, 1/2 Special | 1.75 |
| 451 | <u>36ft OAL Aluminum Multi-Use Pole</u> | <u>84.19</u> |
| 452 | <u>36ft Aluminum Breakaway Pole</u> | <u>43.51</u> |
| 453 | <u>46ft Aluminum Breakaway Pole</u> | <u>46.87</u> |
| 454 | <u>35ft OAL Promenade Receptacle Pole</u> | <u>40.22</u> |
| 455 | Steel, Type A 1 | 4.11 |
| 457 | <u>46ft OAL Aluminum I-Drive Multi-Use Pole</u> | <u>75.92</u> |
| 460 | Steel, Type B 1 | 4.41 |
| 465 | Steel, Type C 1 | 6.17 |
| 466 | 16' Deco Con Vic II – Dual Mount | 18.06 |
| 467 | 16' Deco Conc Washington – Dual | 25.87 |
| 468 | 16' Deco Conc Colonial – Dual Mount | 13.35 |
| 469 | 35' Tenon Top Quad Flood Mount | 13.63 |
| 470 | 45' Tenon Top Quad Flood Mount | 18.90 |
| 471 | 22' Deco Concrete | 14.99 |
| 472 | 22' Deco Conc Single San bel | 16.03 |
| 473 | 22' Deco Conc Double San bel | 17.26 |
| 474 | 22' Deco Conc Double Mount | 18.74 |
| 476 | 25' Tenon Top Bronze Concrete | 17.54 |
| 477 | 30' Tenon Top Bronze Concrete | 18.70 |
| 478 | 35' Tenon Top Bronze Concrete | 20.14 |
| 479 | 41' Tenon Top Bronze Concrete | 24.33 |
| 480 | Wood, 40/45' | 5.25 |
| 481 | 30' Tenon Top Concrete, Single Flood Mount | 10.06 |
| 482 | 30' Tenon Top Conc, Double Flood Mount/Includes Bracket | 12.29 |
| 483 | 46' Tenon Top Conc, Triple Flood Mount/Includes Bracket | 18.80 |
| 484 | 46' Tenon Top Conc, Double Flood Mount/Includes Bracket | 18.50 |
| 485 | Concrete, 40/45' | 10.19 |
| 486 | Tenon Style Concrete 46' Single Flood Mount | 15.31 |
| 487 | 35' Tenon Top Conc, Triple Flood Mount/Includes Bracket | 13.53 |

(Continued on Page No. 56)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL
 EFFECTIVE: January 5, 2016



SECTION NO. VI
~~EIGHTEENTH-NINETEENTH~~ REVISED SHEET NO. 6.282
CANCELS ~~SEVENTEENTH-EIGHTEENTH~~ REVISED SHEET

NO. 6.282

| | | | |
|-----|---|-------|--------------|
| | | | Page 5 of 68 |
| 488 | 35' Tenon Top Conc, Double Flood Mount/Includes Bracket | 13.23 | |
| 489 | 35' Tenon Top Concrete, Single Flood Mount | 11.00 | |

(Continued on Page No. 56)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE: January 5, 2016



SECTION NO. VI
 ORIGINAL SHEET NO. 6.2821

Page 6 of 8

**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. 5)

II. POLES

| | | |
|-----|--|-------|
| 490 | Special Concrete 13'- ⁴ | 17.39 |
| 491 | 30' Tenon Top Conc. Triple Flood Mount/Includes Bracket | 12.60 |
| 492 | 16' Smooth Decorative Concrete/The Colonial | 8.99 |
| 493 | 19' White Aluminum ⁴ | 25.87 |
| 494 | 46' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures | 16.27 |
| 495 | Dual Mount 20' Fiberglass ⁴ | 10.84 |
| 496 | 30' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures | 12.44 |
| 497 | 16' Decorative Concrete w/decorative base/The Washington | 21.77 |

| BILLING TYPE | DESCRIPTION | CHARGE PER UNIT |
|--------------|--|-----------------|
| 490 | Special Concrete 13' - ¹ | 17.39 |
| 491 | 30' Tenon Top Conc. Triple Flood Mount/Includes Bracket | 12.60 |
| 492 | 16' Smooth Decorative Concrete/The Colonial | 8.99 |
| 493 | 19' White Aluminum ¹ | 25.87 |
| 494 | 46' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures | 16.27 |
| 495 | Dual Mount 20' Fiberglass ¹ | 10.84 |
| 496 | 30' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures | 12.44 |
| 497 | 16' Decorative Concrete w/decorative base/The Washington | 21.77 |
| 498 | 35' Tenon Top Concrete/Non-Flood Mount/1-4 Fixtures | 13.37 |
| 499 | 16' Decorative Concrete-Vic II | 13.07 |

(Continued on Page No. 7)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE:



SECTION NO. VI
~~ELEVENTH-TWELFTH~~ REVISED SHEET NO. 6.283
 CANCELS ~~TENTH-ELEVENTH~~ REVISED SHEET NO. 6.283

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**RATE SCHEDULE LS-1
 LIGHTING SERVICE**
 (Continued from Page No. ~~64~~)

III. Additional Facilities

BILLING TYPE

Electrical Pole Receptacle ⁴

| | Single | |
|------------|---------------|-----------------|
| 401 | | \$3.00 per unit |
| 402 | Double | \$3.90 per unit |

Notes to Per Unit Charges:

- (1) Restricted to existing installations.
- (2) Lumens output ~~and wattage ratings may vary with lamp configuration and/or age may vary with lamp configuration and age.~~
~~Wattage ratings do not include ballast losses. Actual wattage may vary up to +/- 5 watts.~~
- (3) Shown for information only. Energy charges are billed by applying the foregoing energy and demand charges to the total monthly kWh.
- (4) Electric use permitted only during the period of October through January, only on poles designated by the Company. Energy charged separately. Customers must notify Company of installation of customer-owned receptacles prior to such installation.
- (5) Special applications only.

Additional Charges:

| | |
|-------------------------------------|---------------------|
| Fuel Cost Recovery Factor: | See Sheet No. 6.105 |
| Asset Securitization Charge Factor: | See Sheet No. 6.105 |
| Gross Receipts Tax Factor: | See Sheet No. 6.105 |
| Right-of-Way Utilization Fee: | See Sheet No. 6.105 |
| Municipal Tax: | See Sheet No. 6.105 |
| Sales Tax: | See Sheet No. 6.105 |

Minimum Monthly Bill:

The minimum monthly bill shall be the sum of the Customer Charge and applicable Fixture, Maintenance and Pole Charges.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on bill at Company-designated locations.

Terms of Service:

Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by written notice sixty (60) days prior to termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of contract including Contribution in Aid of Construction ("CIAC") under Special Provision No. 16, applicable Customer Charges and removal cost of the facilities.

Special Provisions:

1. The customer shall execute a contract on the Company's standard filed contract form for service under this rate schedule.
2. Where the Company provides a fixture or pole type other than those listed above, the monthly charges, as applicable shall be computed as follows:
 - I. Fixture
 - (a) Fixture Charge: 1.59% of the Company's average installed cost.
 - (b) Maintenance Charge: The Company's estimated cost of maintaining fixture.
 - II. Pole
 - Pole Charge: 1.82% of installed cost.
3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement prior to payment by the customer for damage.
4. Maintenance Service for customer-owned fixtures at charges stated hereunder shall be restricted to fixtures being maintained as of November 1, 1992.

(Continued on Page No. ~~67~~)

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE: ~~May 8, 2018~~



SECTION NO. VI
~~SIXTH-SEVENTH~~ REVISED SHEET NO. 6.284
CANCELS ~~FIFTH-SIXTH~~ REVISED SHEET NO. 6.284

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**RATE SCHEDULE LS-1
LIGHTING SERVICE**
(Continued from Page No. ~~57~~)

Special Provisions: (Continued)

5. kWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. kWh estimates will be made using the following formula:

$$\text{kWh} = \frac{\text{Unit Wattage (including ballast losses)} \times 350 \text{ hours per month}}{1,000}$$

6. kWh consumption for customer-owned fixtures shall be metered. Installation of customer-owned lighting facilities shall be provided for by the customer. Any costs incurred by the Company to provide for consolidation of existing lighting facilities for the purpose of metering shall be at the customer's expense.
7. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes.
8. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company in accordance with Section 768.1382, Florida Statutes (2005).
9. For a fixture type and/or pole type restricted to existing installations and requiring major renovation or replacement, the fixture and/or pole shall be replaced by an available similar non-restricted fixture and/or pole and the customer shall commence being billed at its appropriate rate. Where the customer requests the continued use of the same fixture type and/or pole type for appearance reasons, the Company will attempt to provide such fixture and/or pole and the customer shall commence being billed at a rate determined in accordance with Special Provision No. 2 for the cost of the renovated or replaced fixture and/or pole.
10. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
11. After December 31, 1998, all new leased lighting shall be installed on poles owned by the Company.
12. Alterations to leased lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy related to "Work Performed for the Public".
13. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities. Refer to Section III, paragraph 3.01 of the Company's General Rules and Regulations Governing Electric Service to determine the CIAC owed by the customer.
14. Requests for exchanging facilities, upgrades, relocations, removals etc. are subject to Section III, paragraph 3.05, of the Company's General Rules and Regulations Governing Electric Service.
15. For available LEDs, the customer may opt to make an initial, one-time Contribution in Aid of Construction payment of 50% of the installed cost of fixtures rated greater than 200 Watts and/or poles other than standard wood poles, to reduce the Company's installed cost. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.1.(a) and/or 2.11 above.
16. As an alternative to making an initial one-time CIAC payment to extend distribution facilities to render lighting service, as referenced in Special Provision No. 13, the customer may elect to pay a monthly fee of 1.59% of the calculated CIAC amount.

ISSUED BY: Javier J. Portuondo, Managing Director Rates & Regulatory Strategy – FL

EFFECTIVE: ~~May 8, 2018~~