

MEMORANDUM

November 22, 1998

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TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF LEGAL SERVICES (ELIAS) RVE

RE: DOCKET NO. 981111-EI - PETITION FOR APPROVAL OF REVISED LIGHTING TARIFFS BY TAMPA ELECTRIC COMPANY.

98-1557-FOF-EI

Attached is an ORDER APPROVING TARIFF REVISIONS, to be issued in the above-referenced docket. (Number of pages in order - 5)

RVE/anr
Attachment
cc: Division of Electric and Gas
I: 981111lor.rve

print
[unclear]

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for approval of
revised lighting tariffs by
Tampa Electric Company.

DOCKET NO. 981111-EI
ORDER NO. PSC-98-1557-FOF-EI
ISSUED: November 23, 1998

The following Commissioners participated in the disposition of this matter:

JULIA L. JOHNSON, Chairman
J. TERRY DEASON
SUSAN F. CLARK
JOE GARCIA
E. LEON JACOBS, JR.

ORDER APPROVING TARIFF REVISIONS

BY THE COMMISSION:

By petition filed September 8, 1998, Tampa Electric Company (TECO) has proposed a number of revisions to its street and outdoor lighting rate schedules. The changes include the addition of two new premium outdoor lighting (OL-3) fixtures and one new pole, and revision of the estimated kilowatt-hour usage (kWh) of some lighting fixtures to reflect updated manufacturers' specifications.

NEW FIXTURE AND POLE OFFERINGS

TECO is proposing two new lighting fixtures and one new pole under its Premium Outdoor lighting (OL-3) schedule. The two new fixtures are 175-Watt metal halide decorative lamps. The proposed fixture rates include three components: a fixture charge, a maintenance charge, and an energy charge. TECO developed the new fixture charges by applying a fixed charge carrying rate to the installed cost of the fixtures. The maintenance charges were based on engineering maintenance costs and estimated failure rates. The energy charges were developed by multiplying the estimated energy usage of the lamps by the non-fuel energy rate for lighting of 2.077 cents per kilowatt hour.

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FLORIDA PUBLIC SERVICE COMMISSION

The proposed charges are as follows:

Charge	General Post Top	Salem Post Top
Fixture	\$14.78	\$10.81
Maintenance	\$5.84	\$5.29
Energy	\$1.56	\$1.56
Total	\$22.18	\$17.66

TECO is also proposing the addition of a fourteen-foot decorative Victorian pole with a monthly fixture charge of \$22.19 and a maintenance charge of \$.08. Staff has reviewed the supporting cost data used to develop the fixture and pole charges, and recommends that they be approved.

REVISED KILOWATT-HOUR ESTIMATES

TECO is proposing to update the estimated kWh usage of some of its lighting fixtures. These kWh estimates are applied to the non-fuel energy, fuel, capacity, environmental, and conservation charges to determine the monthly billing for the fixtures. Estimates are used since lighting is not metered. These revisions do not affect the rates charged for lighting, but only the billing determinants (i.e. the kWh) applied to the rates. The proposed update was prompted by a customer's inquiry regarding the accuracy of the current tariff estimates.

To arrive at the kWh usage of each light, the wattage drawn by the lamp is multiplied by an estimate of how many hours the light will burn in a month. TECO is proposing to use new wattage estimates based on current manufacturers' specifications to determine the kWh usage of certain of its fixtures. The results of TECO's analysis indicate that the estimated kWh consumption for the 100, 150, 250, and 400 Watt High Pressure Sodium lights should be reduced, and that the consumption for the 1,000 Watt Metal Halide light should be slightly increased:

Lamp Size*	Current kWh Usage	Proposed Dusk to Dawn kWh Usage
100 Watt HPS	51	44
150 Watt HPS	70	66
250 Watt HPS	110	105
400 Watt HPS	170	163
1,000 Watt MH	381	383

* The actual wattage used by the lighting fixtures is higher than the lamp wattages listed above. Thus a 100 watt lamp will actually draw in excess of 100 watts. This is due primarily to ballast losses.

The revised wattage estimates are attributable to increases in the efficiency of the lamps, and to the switching to higher quality fixtures. TECO indicates that they will periodically review and update the energy usage of its lighting to insure that their rates reflect the actual energy used.

The revised kWh usage amounts will result in minor changes to the monthly billing for street and outdoor lights. For example, the monthly billing for a 100 Watt streetlight will decrease by \$.30, from \$6.69 to \$6.39 based on the currently effective cost recovery clauses. We find that the proposed changes are reasonable and appropriate. They reflect the latest available information regarding the energy usage of the lighting fixtures. Therefore, Tampa Electric Company's proposed changes to its Street (SL-2) and Outdoor (OL-1 & OL-3) Lighting rate schedules are approved, effective December 1, 1998.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that Tampa Electric Company's proposed changes to its Street (SL-2) and Outdoor (OL-1 & OL-3) Lighting rate schedules are approved, effective December 1, 1998. It is further

ORDER NO. PSC-98-1557-FOF-EI
DOCKET NO. 981111-EI
PAGE 4

ORDERED that if no person whose substantial interests are affected by the Commission's order in this docket files a protest within 21 days of the issuance of the order, this docket shall be closed. If a protest is timely filed, the tariff shall remain in effect pending resolution of the protest.

By ORDER of the Florida Public Service Commission this ~~23rd~~
day of November, 1998.



KAY HYNN, Chief
Bureau of Records

(S E A L)

RVE

NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW

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 this tariff is 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

ORDER NO. PSC-98-1557-FOF-EI
DOCKET NO. 981111-EI
PAGE 5

Administrative Code. This petition must be received by the Director, Division of Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on December 14, 1998.

In the absence of such a petition, this Order shall become final on the day subsequent to the above date.

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.

If this Order becomes final on the date described above, any party adversely affected may request judicial review by the Florida Supreme Court in the case of an electric, gas or telephone utility or by the First District Court of Appeal in the case of a water or wastewater utility by filing a notice of appeal with the Director, Division of Records and Reporting and filing a copy of the notice of appeal and the filing fee with the appropriate court. This filing must be completed within thirty (30) days of the date this Order becomes final, pursuant to Rule 9.110, Florida Rules of Appellate Procedure. The notice of appeal must be in the form specified in Rule 9.900(a), Florida Rules of Appellate Procedure.