

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition to allow  
customer-owned streetlight  
monitoring systems to take  
service under the SL-1 rate by  
Florida Power & Light Company.

DOCKET NO. 020562-EI  
ORDER NO. PSC-02-1170-TRF-EI  
ISSUED: August 26, 2002

The following Commissioners participated in the disposition of  
this matter:

LILA A. JABER, Chairman  
J. TERRY DEASON  
BRAULIO L. BAEZ  
MICHAEL A. PALECKI  
RUDOLPH "RUDY" BRADLEY

ORDER APPROVING CUSTOMER-OWNED STREET LIGHT MONITORING  
SYSTEMS TO TAKE SERVICE UNDER THE SL-1 RATE

BY THE COMMISSION:

Case Background

On June 5, 2002, Florida Power & Light Company (FPL) submitted a proposed tariff revision to allow customer-owned street light monitoring systems to take service under the Street Lighting (SL-1) rate. The City of Stuart (City) purchased 40 street light monitoring devices that, when installed on light fixtures, allow the City to remotely monitor whether a photocell and/or lamp is on or off. The devices consume a small and predictable amount of electricity.

We have jurisdiction pursuant to Sections 366.04 and 366.06, Florida Statutes.

Decision

FPL's proposal was filed in response to the City's desire to cost-effectively purchase the small amount of electricity used by a street light monitoring system. The devices transmit information regarding the operation of the photocell and the lamp to a local

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antenna, which in turn sends the data to a central computer system. This allows the City to remotely monitor the performance of its street lights. The need to patrol or rely on citizens to report malfunctioning lights is therefore eliminated.

Under the tariff, customers will be charged the current SL-1 non-fuel energy charge of 2.060 cents per kilowatt-hour (kWh), all otherwise applicable SL-1 adjustment clause factors, and all applicable taxes. Customers taking service under the SL-1 rate are not assessed a customer charge.

Service under the SL-1 rate will be unmetered. For billing purposes, the monthly usage of the devices will be estimated based upon information provided by the customer. The minimum monthly billed kWh per device will be 1 kWh, and the maximum will be 5 kWh.

In this instance, FPL will not charge the City for the installation of the 40 monitoring devices. According to information provided by FPL, the cost to install the 40 devices is \$875. In return for installing the devices at no cost, FPL will have full access to the information provided by the City's street light monitoring system. This will allow FPL to evaluate the system and analyze the data it provides. Under the normal operation of FPL's tariff, the customer is required to reimburse the utility for such costs. However, in this instance, because FPL will obtain a benefit and the cost to install the devices is minimal, we believe that FPL's arrangement with the City is appropriate.

We believe that allowing customer-owned street light monitoring systems that use a minimal amount of energy to take service under the SL-1 rate is appropriate. Requiring customers to purchase electricity under the otherwise applicable General Service Non-Demand (GS-1) rate would be cost prohibitive. Under the GS-1 rate, in addition to the non-fuel energy charge, the City would pay a \$5.58 customer charge for unmetered service for each device. In addition, the low kWh usage of these monitoring devices does not justify the cost of creating a rate designed solely for this type of consumption. The proposal allows FPL to cost-effectively meet the needs of a municipality without negatively impacting the general body of ratepayers. For these reasons, we approve FPL's

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proposal to allow customer-owned street light monitoring systems to take service under the SL-1 rate.

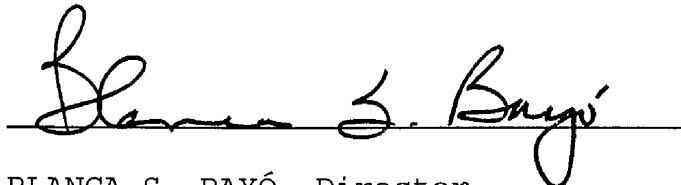
Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that Florida Power & Light Company's Petition to Allow Customer-Owned Street Light Monitoring Systems to Take Service Under the SL-1 Rate is hereby approved. It is further

ORDERED that if a timely protest is filed within 21 days from the issuance date of this Order, the tariff shall remain in effect with any increase 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 26th day of August, 2002.



BLANCA S. BAYÓ, Director  
Division of the Commission Clerk  
and Administrative Services

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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.

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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 Administrative Code. This petition must be received by the Director, Division of the Commission Clerk and Administrative Services, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on September 16, 2002.

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.