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DIVISION OF ECONOMICS
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Public Service Commission

December 29, 2016

Kenneth A. Hoffman
Vice President Regulatory Affairs
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301
Ken.Hoffman@fpl.com

STAFF'S FIRST DATA REQUEST

Kevin C. Donaldson
Senior Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
Kevin.Donaldson@fpl.com

Re: Petition for approval of a new optional pilot LED street light tariff by Florida Power & Light Company.

Dear Mr. Hoffman & Mr. Donaldson:

By this letter and pursuant to subsection 366.04(2), Florida Statutes, Commission staff respectfully request the following information from the Florida Power & Light Company.

- 1) Does FPL intend to petition the Commission at the end of the 3-year pilot term to make the proposed optional LT-1 tariff permanent, modify, or discontinue?
- 2) Referring to Page 3, paragraph 6b, please explain how the proposed LT-1 tariff allows customers to calculate the costs and savings for LED installations and conversions more easily than the current PL-1 tariff.
- 3) What is the approximate lifespan of LED lights and fixtures? How does it compare with HPSV lights and fixtures?
- 4) Please discuss what construction steps are typically involved in converting from HPSV lighting to LED lighting.
- 5) If a customer undergoes the conversion option, does the customer have to pay the monthly charge referred to on page 3, paragraph 6(a), for construction in addition to the tariffed monthly fixture, maintenance, and energy charges? Please explain.

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- 6) Will current customers continue to be able to take LED lighting service under the PL-1 tariff?
- 7) Will new LED lighting customers be able to choose service under the PL-1 or LT-1 tariff? If yes, please state how that decision under which tariff to take service will be made.
- 8) Will the PL-1 tariff become obsolete and/or duplicate LED lighting options with the introduction of the new LT-1 tariff? Please explain.
- 9) Referring to the LED lighting catalog at <https://www.fpl.com/LED>, please explain whether FPL will add more LED fixtures if the proposed tariff is approved, whether FPL will continuously modify/update the catalog as new fixtures become available, and why FPL is proposing to show the available fixtures on the FPL website as opposed to in the tariff.
- 10) Referring to page 7, paragraph 11, please state how many fixture replacements (one time only or multiple times if fixture breaks) are recovered under the monthly fixture charge during the term of the lighting agreement. Under what scenario would FPL charge a customer in addition to the tariffed charges for the cost of replacing a fixture?
- 11) Referring to page 7, paragraph 11(b), please provide the calculation of the monthly \$12.00 fixture cost based on the \$942.67 installed costs showing and explaining all steps and inputs of the calculation.
- 12) Referring to page 9, paragraph 12(c), please show the calculation that arrives at the \$2.60 energy charge for a 260 watt fixture. Show each step and input for the calculation.
- 13) Referring to pages 9-10, paragraph 14, please show the calculations for the \$1.20 and for the \$1.72 maintenance charge per fixture. Show each step and input for the calculations.
- 14) Referring to page 10, paragraph 15, please show the calculation for the \$0.97 conversion recovery fee. Show each step and input for the calculation.

Please file all responses electronically no later than Thursday, January 12, 2017, via the Commission's website at www.floridapsc.com by selecting the Clerk's office tab and Electronic Filing Web Form. Please contact me at sguffey@psc.state.fl.us or at 850.413.6204 if you have any questions.

Thank you,

/s/Sevini Guffey

Sevini Guffey
Public Utility Analyst I

Cc: Office of the Commission Clerk