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July 2, 2018

**-VIA ELECTRONIC FILING -**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 20180007-EI**

Dear Ms. Stauffer:

I attach for electronic filing in the above docket Florida Power & Light Company's Preliminary List of New Projects To Be Submitted for Cost Recovery.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

*s/ Maria J. Moncada*

Maria J. Moncada

Attachments

cc: Counsel for Parties of Record (w/attachments)

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Environmental Cost Recovery Clause

Docket No: 20180007-EI

Filed: July 2, 2018

**FLORIDA POWER & LIGHT COMPANY'S PRELIMINARY LIST  
OF NEW PROJECTS TO BE SUBMITTED FOR COST RECOVERY**

Florida Power & Light Company hereby submits the attached Preliminary List of New Projects To Be Submitted for Cost Recovery.

Respectfully submitted this 2nd day of July 2018.

Respectfully submitted,

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By: s/ Maria J. Moncada

Maria J. Moncada

Florida Bar No. 0773301

**CERTIFICATE OF SERVICE**  
**Docket No. 20180007-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 2nd day of July 2018 to the following:

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By: s/ Maria J. Moncada  
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## **PRELIMINARY LIST OF NEW PROJECTS TO BE SUBMITTED FOR COST RECOVERY**

**Project:** Solar Site Avian Monitoring and Reporting Project

### **Law/Regulation:**

FPL is required to obtain a siting permit from the Alachua County Department of Growth Management (“Alachua DGM”) for its Horizon Solar Energy Center (“HSEC”). Pursuant to the Development Review Committee Order DR-17-04 (“Order DR-17-04”) issued by the Alachua DGM on February 16, 2017, FPL is required to conduct avian mortality monitoring and report on the results of that monitoring as a permit condition for the HSEC. Specifically, Section 6 of that Order requires FPL to develop monitoring protocols, perform monitoring in accordance with those protocols and, ultimately, report the results of that monitoring to the Alachua DGM.

### **Brief Description of Project:**

FPL will be monitoring and reporting on avian mortality at FPL’s existing DeSoto solar photovoltaic (“PV”) facility (“DeSoto”), utilizing a protocol for avian monitoring at solar facilities that was developed in conjunction with the Florida Fish and Wildlife Conservation Commission (“FWC”). In order to accommodate the Alachua DGM’s desire for prompt results, FPL recommended that monitoring be conducted at DeSoto (an existing universal solar facility) because construction of HSEC had not been completed at the time the permit condition was imposed. Using a fully operational site helped FPL and FWC create the avian solar protocol and allowed FPL to conduct a necessary trial in 2017 for implementing the protocol. The Alachua DGM agreed that the data from DeSoto would be representative of future universal solar PV facilities located in Alachua County and required the monitoring be conducted at DeSoto as part of the Order DR-17-04.

The purpose of the monitoring program is to estimate the overall annual avian fatality rate and species composition associated with a universal solar site. At a specified frequency, biologists, using trained dogs as appropriate, will conduct searches for avian detections within designated sampling units. Bias trials will be conducted to determine the likelihood of carcasses being removed naturally by scavengers (carcass persistence trials) and the effectiveness of the searchers in finding the carcasses (searcher efficiency trials). The search frequency will be based on carcass persistence trials conducted at the site. An estimate of fatalities will be calculated using the results of the monitoring and the bias trials.

Pursuant to Order DR-17-04, FPL is required to conduct four seasons of avian mortality monitoring, including bias trials (carcass persistence and searcher efficiency), and must provide Alachua County an annual report with fatality estimates for birds. FPL intends to start the standardized mortality monitoring in 2018 and finish in 2019.

FPL estimates that the total O&M expenses associated with the Solar Site Avian Monitoring and Reporting Project that will be incurred following the filing of this petition is \$173,270. FPL expects that this expense will be incurred in 2018 and 2019. On June 13, 2018, FPL filed a petition for approval of this project.