

M E M O R A N D U M

DECEMBER 7, 1998

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RECORDS AND
REPORTING

TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF LEGAL SERVICES (JAYE) *Handwritten initials*

RE: DOCKET NO. 981253-EG - PETITION FOR APPROVAL OF EXTENSION
OF COMMERCIAL/INDUSTRIAL DAYLIGHT DIMMING RESEARCH
PROJECT BY FLORIDA POWER & LIGHT COMPANY

98-1610-FOF-EG

Attached is an NOTICE OF PROPOSED AGENCY ACTION ORDER GRANTING APPROVAL OF EXTENSION OF COMMERCIAL/INDUSTRIAL DAYLIGHT DIMMING RESEARCH PROJECT BY FLORIDA POWER & LIGHT COMPANY to be issued in the above-referenced docket. (Number of pages in order - 5)

GAJ/js
Attachment
cc: Division of Electric and Gas (Harlow)
I:981253or.gaj

See 1, 2

2/0

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for approval of extension of Commercial/Industrial daylight dimming research project by Florida Power & Light Company.

DOCKET NO. 981253-EG
ORDER NO. PSC-98-1610-FOF-EG
ISSUED: December 2, 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.

NOTICE OF PROPOSED AGENCY ACTION ORDER GRANTING APPROVAL OF EXTENSION OF COMMERCIAL/INDUSTRIAL DAYLIGHT DIMMING RESEARCH PROJECT BY FLORIDA POWER & LIGHT COMPANY

BY THE COMMISSION:

NOTICE is hereby given by the Florida Public Service Commission that the action discussed herein is preliminary in nature and will become final unless a person whose interests are substantially affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, Florida Administrative Code.

On November 18, 1996, the Commission issued Order No. PSC-96-1366-FOF-EG in Docket No. 960817-EG which approved Florida Power & Light Company's (FPL) Commercial/Industrial Daylight Dimming Research Project. The purpose of the Daylight Dimming project is to field test the performance of daylight dimming technology, particularly with respect to electrical energy and demand savings. FPL also expects to determine the potential acceptance of the technology by end-users in the research project. We ordered that FPL's expenditures for the project be capped at \$377,000 over the 20 months from the date of Commission approval. Further, FPL was required to file a project summary report with the Commission detailing the results of the research project after the project's completion.

DOCUMENT NUMBER-DATE

13511 DEC-28

FPSC-RECORDS/REPORTING

On October 1, 1998, FPL petitioned the Commission to extend the Commercial/Industrial Daylight Dimming Research Project through August, 1999. FPL has also requested recovery of reasonable and prudent expenditures for the project through the Energy Conservation Cost Recovery Clause. FPL has not requested recovery of expenditures beyond the approved \$377,000 cap.

Daylight dimming systems constantly adjust the electric lighting level based on the amount of daylight available. In theory, electrical demand and energy may be saved by reducing the electrical input into the lighting fixture. Savings may also occur from reduced air conditioning load as a result of lower heat gain from the controlled lighting equipment.

The purpose of FPL's Daylight Dimming research project is to collect data on the performance and market potential of the daylight dimming technology. FPL will use the data and information to determine whether to incorporate a permanent daylight dimming measure into FPL's commercial and industrial DSM programs.

The primary components of FPL's Daylight Dimming research project include: (1) the installation of daylight dimming equipment in two office buildings; (2) monitoring the electrical power usage of the lighting system and the air conditioning system, and monitoring the light levels within these test sites; and (3) a market survey to determine potential customer acceptance of a daylight dimming program.

FPL collected pre-retrofit data from the two test sites from October, 1997 through June, 1998. As of September, 1998, FPL had installed the daylight dimming equipment in the two test sites. FPL is currently collecting data from the sites to compare energy and demand usage with the daylight dimming equipment installed to the pre-retrofit data. FPL expects to complete data collection from the two sites by April, 1999. The final report is expected to be completed by an outside contractor by July, 1999.

The project was originally expected to be completed by July, 1998. However, FPL experienced delays in the installation of daylight dimming equipment in the two original test sites. In particular, a delay was caused when the owners of one of the office buildings chosen as a demonstration site declined to participate. A further delay was caused when the owners of the new site decided to replace the building's windows.

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According to FPL, as of September, 1998, total actual expenditures for the project have been \$178,488. The total Commission-approved budget for the project is \$377,000. FPL has not requested recovery of expenditures in excess of \$377,000 through the ECCR clause.

Upon consideration, we will grant FPL's petition to extend its Commercial/Industrial Daylight Dimming Research Project through August, 1999. We do so because: (1) a substantial portion of the project is completed; (2) the reasons for the delay appear to be reasonable; and, (3) no additional costs beyond the already approved \$377,000 are being requested for recovery. Approving additional time for the project will allow FPL to complete end-use data collection. FPL is also required to file a project summary report with the Commission detailing the results of the research project following completion of the project.

Based upon the foregoing, it is therefore

ORDERED by the Florida Public Service Commission that Florida Power & Light Company's Petition for Approval of Extension of Commercial/Industrial Daylight Dimming Research Project through August, 1999, is approved. It is further

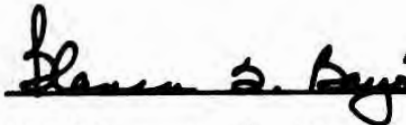
ORDERED that Florida Power & Light Company shall file a project summary report with the Commission detailing the results of the research project following completion of the project. It is further

ORDERED that the provisions of this Order, issued as proposed agency action, shall become final and effective unless an appropriate petition, in the form provided by Rule 25-22.036, Florida Administrative Code, is received by the Director, Division of Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on the date set forth in the "Notice of Further Proceedings or Judicial Review" attached hereto. It is further

ORDERED that in the event this Order becomes final, this Docket shall be closed.

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By ORDER of the Florida Public Service Commission this 2nd day
of December, 1998.



BLANCA S. BAYÓ, Director
Division of Records and Reporting

(S E A L)

GAJ

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 action proposed herein is preliminary in nature. Any person whose substantial interests are affected by the action proposed by this order may file 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 Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on December 23, 1998.

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In the absence of such a petition, this order shall become effective 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 and effective on the date described above, any party substantially 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 effective date of this order, 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.