

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition of Florida Power) DOCKET NO. 921034-EG
and Light Company for approval of) ORDER NO. PSC-92-1451-FOF-EG
the new home construction.) ISSUED: 12/15/92

The following Commissioners participated in the disposition of this matter:

THOMAS M. BEARD, Chairman
SUSAN F. CLARK
J. TERRY DEASON
BETTY EASLEY
LUIS J. LAUREDO

NOTICE OF PROPOSED AGENCY ACTION

ORDER APPROVING FLORIDA POWER AND LIGHT
COMPANY'S NEW HOME CONSTRUCTION PROJECT

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 adversely affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, Florida Administrative Code.

On October 8, 1992, Florida Power and Light (FPL) filed its petition for approval of The New Home Construction Research Project, to investigate a wide variety of activities designed to increase the energy efficiency of new homes. The project will focus on three separately identifiable sectors of the new home construction market: pre-construction, construction and post-construction.

The objective of the New Home Construction Research Project (NHCRP) is to investigate, quantify and determine the cost-effectiveness of the conservation opportunities available in the residential, detached, single-family, home construction market. The target market for this project is new single-family detached homes, new manufactured homes and Hurricane Andrew damaged homes that have been determined by public authorities to be unfit for human habitation and are being rebuilt. The activities undertaken in the project are designed to increase the overall energy efficiency in new home construction and operation. In addition, the project is being undertaken to ensure that the energy efficiency of new homes being built meets or exceeds the levels associated with the minimum requirements of Florida's building and energy codes.

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The project will be broken down into three phases: Pre-construction, Construction and Post-Construction and will take two years to complete.

Pre-Construction activities will include interaction with Architects, Builders and Developers as well as the Department of Community Affairs. This interaction will include plan reviews, design and efficiency consulting through a number of workshops in FPL's service territory. This activity will look beyond the code requirement of 100 EPI and push data and background on EPI. In addition, FPL will review the literature available in order to prioritize what the savings will be.

The Construction phase will look at how to identify construction energy code deficiencies and potential improvements. This will be undertaken by conducting unannounced random inspections on a confidential basis in order to establish cooperation from the builder community. FPL will attempt to determine the magnitude of the potential deficiencies between what is being built and the State building code. These activities will include site inspections of blower door (duct system & envelope), HVAC (sizing, settings & installations), Infrared inspections (insulation & envelope), Attic Ventilation, Water Heating, Energy Code Compliance and other inspections. FPL will also provide limited sponsorship of additional workshops which will interact with the Department of Community Affairs, Florida Solar Center, FPL and Builder/Architects to discuss the results of confidential satisfaction surveys.

The Post-Construction portion of the project, through the use of mechanical devices and elaborate time-of-use rates, will attempt to influence Customer Energy Lifestyles. These activities will include energy monitors, energy management systems, variable pricing structures for the test customers and consumer education.

The estimated budget for this Research Project is broken down as follows:

Pre-Construction	\$2,500,000
Construction	\$1,400,000
Post-Construction	\$2,000,000
Total	<u>\$5,900,000</u>

This budget is further broken down into the following categories:

Promotion & Advertising	\$1,800,000
Technology Assessment	\$ 500,000
Program Evaluation	\$1,400,000
Metering & Monitoring	\$2,200,000
Total	<u>\$5,900,000</u>

FPL expects to spend these Research dollars based on the following time frames:

1992	\$ 500,000
1993	\$3,500,000
1994	\$1,900,000
Total	<u>\$5,900,000</u>

FPL expects to have a monthly Executive and Budget Report on the progress of this research project. We require that FPL place us on the mailing list for this monthly report. If the utility fails to put into effect the monthly Executive Report, then FPL shall be required to provide us with a Quarterly Report on the activities and the expenditures in this Research Project.

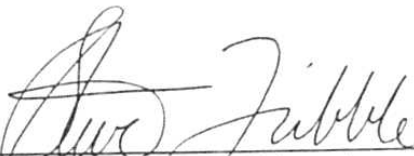
It is, therefore,

ORDERED by the Florida Public Service Commission that the petition for approval by Florida Power and Light Company of The New Home Construction Research Project is granted as discussed within the body of this Order. It is further

ORDERED that this Order shall become final and the docket closed unless an appropriate petition for formal proceeding is received by the Division of Records and Reporting, 101 East Gaines Street, Tallahassee, Florida 32399-0870, by the close of business on the date indicated in the Notice of Further Proceedings or Judicial Review.

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By ORDER of the Florida Public Service Commission this 15th
day of December, 1992.



STEVE TRIBBLE, Director
Division of Records and Reporting

(S E A L)
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Commissioner Laredo dissented.

NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW

The Florida Public Service Commission is required by Section 120.59(4), 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.

The action proposed herein is preliminary in nature and will not become effective or final, except as provided by Rule 25-22.029, Florida Administrative Code. Any person whose substantial interests are affected by the action proposed by this order may file a petition for a formal proceeding, as provided by Rule 25-22.029(4), Florida Administrative Code, in the form provided by Rule 25-22.036(7)(a) and (f), Florida Administrative Code. This petition must be received by the Director, Division of Records and Reporting at his office at 101 East Gaines Street, Tallahassee, Florida 32399-0870, by the close of business on January 5, 1993.

In the absence of such a petition, this order shall become effective on the day subsequent to the above date as provided by Rule 25-22.029(6), Florida Administrative Code.

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.

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If this order becomes final and effective 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 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.