

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Request for Approval of)	DOCKET NO. 900111-EG
Energy Conservation Plan by)	ORDER NO. 23558
Orlando Utilities Commission.)	ISSUED: 10-02-90
_____)		

The following Commissioners participated in the disposition of this matter:

MICHAEL McK. WILSON, Chairman
 THOMAS M. BEARD
 BETTY EASLEY
 FRANK S. MESSERSMITH

NOTICE OF PROPOSED AGENCY ACTION
ORDER APPROVING ORLANDO UTILITIES
COMMISSION'S CONSERVATION PLAN

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.

CASE BACKGROUND

During the 1989 regular session, the Legislature of the State of Florida amended Section 366.82, Florida Statutes, requiring this Commission to adopt goals for increasing the efficiency of energy consumption and increasing the development of cogeneration. Section 366.82, Florida Statutes also directed the Commission to require affected electric and natural gas utilities to submit updated energy conservation programs. On November 14, 1989 the Commission issued Order No. 22186, adopting the goals stated in Rule 25-17.001, Florida Administrative Code, and required the affected utilities to submit new and revised plans and programs to meet the goals within 90 days of the issuance of the Order. Also in the Order, the Commission stated that the conservation programs will be judged by the following criteria:

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1. Does each component program advance the policy objectives set forth in Rule 25-17.001 and the FEECA statute?
2. Is each component program directly monitorable and yield measurable results?
3. Is each component program cost effective? (The Commission stated that municipal and cooperative utilities were free to implement non-cost effective programs if they so desired).

The utilities were directed to file programs in four areas: (1) demand side management programs; (2) natural gas programs where cost effective; (3) residential energy audits; and (4) a program for attracting qualifying facilities (cogeneration) into its service area.

Subsequently the Commission deleted that part of Order No. 22176 requiring the electric utilities promotion of gas programs.

Conservation Plan

We agree with our Staff's recommendation that Orlando's programs listed below should be approved:

1. Residential Energy Survey: This program is designed to provide residential homeowners with recommended energy measures and practices. A pool pump audit is included as part of the Residential Energy Survey program. Literature on other OUC programs is also provided to the residential customers.
2. Commercial Energy Survey: This survey is a physical walk-through inspection of the commercial facility. A computer program call ACES is used to perform economic evaluations. Within 320 days of the survey, the customer will receive a written report. Conservation literature is also provided to the customer.
3. Residential Heat Pump: Heat Pumps will be marketed to the owners of existing residential strip heating systems. The program will require heat pumps with an SEER of 10.5 (or greater) and a HSPF of 7.0 (or greater) in order to qualify for a \$10 bonus check. The program is informational in nature, relying on market forces to provide the proper incentives.

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4. Residential Weatherization: This program is designed for existing single family and multifamily homes, and will promote R-19 ceiling insulation (or higher), caulking, weatherstripping, water heater insulation, and air conditioning/heating supply and return air duct repair. The customer will receive a \$10 bonus check for installing R-19 ceiling insulation (or higher) and any other approved conservation measure.
5. Low income Fix-up: This program is offered to customers whose total family annual income does not exceed \$20,000. The Fix-up program will pay 85% of the total contract cost for home weatherization for the following measures: (a) upgrading ceiling insulation to R-19; (b) exterior and interior caulking; (c) weatherstripping doors and windows; (d) air conditioning/heating supply and return air duct repairs; (e) window treatment; and (f) water heater insulation.
6. Residential Efficient Water Heating: This program encourages homeowners to install waste heat recovery units and to insulate older, less efficient, electric water heaters. Conservation Specialists also call on builders to encourage the installation of water heat recovery units in new subdivisions.
7. Commercial Efficient Lighting: This program encourages: (a) replacement of higher wattage fluorescent tubes with lower wattage tubes; (b) replacement to existing standard core and coil ballasts with electronic ballasts; (c) conversion of reflector fluorescent fixtures; (d) replacement of existing incandescent bulbs with self-ballasted florescent bulbs; and (e) replacement of existing exterior mercury vapor fixtures to high pressure sodium or metal halide fixtures.
8. Street and Outdoor Light Conversion: This program converts older mercury vapor fixtures to high pressure sodium fixtures as they normally expire due to age. Also, high pressure sodium fixtures are installed in all new subdivisions.
9. Energy Education: This program consists of hour long classroom presentations utilizing a display model of a generating plant, an electric meter display, an FCG watt

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counter, energy workbooks, and other attention getting devices. Children are taught how electricity is generated and are encouraged to perform mini-electric and water audits on their own houses and are asked to encourage their parents to sign up for a residential energy survey.


10. New Construction Inspection: This program is offered to all builders starting new single family residential subdivisions in the OUC service area. The builders are offered, at no charge, a blower door test and energy audit with a complete duct and air return inspection. The builder is encouraged to have any defects corrected before the sale of the house. Upon completion of necessary repairs, a post-modification blower door test and duct work inspection will be completed by OUC to ensure the repairs have corrected the air infiltration problem.
11. Cogeneration: OUC has developed a cogeneration tariff package which consists of standard rates and standard offer contracts for as-available and firm purchases, transmission service rates, and a parallel operation agreement.

In consideration of the foregoing, it is

ORDERED by the Florida Public Service Commission that Orlando Utilities Commission's conservation plan as described in the body of this Order is approved.

ORDERED that if a protest is filed within 20 days of the date of this Order it will be resolved by the appropriate Commission panel pursuant to Rule 25-22.006(3)(d), Florida Administrative Code.

By ORDER of the Florida Public Service Commission,
this 2nd day of OCTOBER, 1990.



STEVE TRIBBLE, Director
Division of Records and Reporting

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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 October 23, 1990.

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, and as reflected in a subsequent 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.

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 sewer 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.