

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Adoption of Numeric) DOCKET NO. 930548-EG
Conservation Goals and)
Consideration of National Energy)
Policy Act Standards (Section)
111) by Florida Power and Light)
Company.)

In Re: Adoption of Numeric) DOCKET NO. 930549-EG
Conservation Goals and)
Consideration of National Energy)
Policy Act Standards (Section)
111) by Florida Power)
Corporation.)

In Re: Adoption of Numeric) DOCKET NO. 930550-EG
Conservation Goals and)
Consideration of National Energy)
Policy Act Standards (Section)
111) by Gulf Power Company.)

In Re: Adoption of Numeric) DOCKET NO. 930551-EG
Conservation Goals and) ORDER NO. PSC-93-0953-PCO-EG
Consideration of National Energy)
Policy Act Standards (Section) ISSUED: June 28, 1993
111) by Tampa Electric Company.)

ORDER ESTABLISHING PROCEDURE

In order to implement Rules 25-17.001-.005, Florida Administrative Code, for Florida's four largest investor-owned utilities (IOUs), the Commission opened Docket Nos. 930548-EG, 930549-EG, 930550-EG, and 930551-EG. Formal evidentiary hearings have been set in each of these dockets to establish numeric demand side management (DSM) goals for Florida Power and Light Company (FPL), Florida Power Corporation (FPC), Gulf Power Company (Gulf), and Tampa Electric Company (TECO), respectively. The numeric demand and energy goals established in these dockets will replace the general non-numeric goals currently in place. Goals will be set for each of these IOUs for each year in the ten-year planning horizon. In addition, the cost-effectiveness of DSM measures shall be determined on a case-by-case basis for each utility, and the question of whether Florida's IOUs follow integrated resource planning as defined in the Energy Policy Act of 1992 shall also be addressed.

The scope of these proceedings shall be based upon the issues raised by the parties and Commission staff (staff) up to and during the prehearing conference, unless modified by the Commission. The

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hearings will be conducted according to the provisions of Chapter 120, Florida Statutes, and the rules of this Commission.

Discovery

a. When discovery requests are served and the respondent intends to object to or ask for clarification of the discovery request, the objection or request for clarification shall be made within ten days of service of the discovery request. This procedure is intended to reduce delay in resolving discovery disputes.

b. The hearings in these dockets are set for June 1-3; 6; 8-10, 1994. Unless authorized by the Prehearing Officer for good cause shown, all discovery shall be completed by Wednesday, May 25, 1994. All interrogatories, requests for admissions, and requests for production of documents shall be numbered sequentially in order to facilitate their identification. The discovery requests will be numbered sequentially within a set and any subsequent discovery requests will continue the sequential numbering system. Unless subsequently modified by the Prehearing Officer, the following shall apply for each docket: interrogatories, including all subparts, shall be limited to 300; requests for production of documents, including all subparts, shall be limited to 200; and requests for admission, including all subparts, shall be limited to 150.

c. Any information provided pursuant to a discovery request for which proprietary confidential business information status is requested shall be treated by the Commission and the parties as confidential. The information shall be exempt from Section 119.07(1), Florida Statutes, pending a formal ruling on such request by the Commission, or upon the return of the information to the person providing the information. If no determination of confidentiality has been made and the information has not been made a part of the evidentiary record in the proceedings, it shall be returned expeditiously to the person providing the information. If a determination of confidentiality has been made and the information was not entered into the record of the proceedings, it shall be returned to the person providing the information within the time period set forth in Section 366.093, Florida Statutes.

Diskette Filings

See Rule 25-22.028(1), Florida Administrative Code, for the requirements of filing on diskette.

Technical Market Potential Results, Progress Report, and Settlement Workshop I

By September 15, 1993, each utility shall file with the Commission's Division of Records and Reporting, and shall serve on each of the parties to this docket, a Technical Market Potential Results Report (TMPRR).

In developing Technical Market Potential Results, each utility shall refer to Synergic Resources Corporation's Report No. 7777-R8, Electricity Conservation and Energy Efficiency in Florida: Technical, Economic and Achievable Results, Final Report, prepared for the Florida Energy Office, dated May 1993 (the SRC Report), and specifically to the 110 potential demand side management measures listed in the report and attached to this order. Each utility's Technical Market Potential Results shall contain an analysis of the applicability of the 110 potential demand side management measures to its system as well as measures employing natural gas and renewable energy resources and original DSM measures considered by the utility.

In determining the applicability of conservation measures, each utility shall consider, at a minimum: (1) whether the measure would be better implemented by building codes; (2) whether the measure is related more to lifestyle and behavioral characteristics so that it would be better implemented by customer self-adoption; (3) whether the measure would be better implemented in a different service territory due to technological, climatical, demographic, or other factors; or (4) whether the measure requires further research to determine applicability. Each utility's report shall list those measures it believes should be implemented through non-utility resources. This list should specifically identify why the measure should not be implemented by the utility. Each utility's report shall also list the measures that are "technically achievable utility measures" which are appropriate for utility implementation. This list shall provide an estimate of the technically achievable energy and demand savings by end use category.

In addition to the 110 potential demand side management measures listed in the SRC report, each utility shall consider implementation of conservation measures employing natural gas and renewable energy sources as a fuel. The measures employing natural gas and renewable energy sources considered by the utility shall be listed in addition to the 110 potential DSM measures listed in the SRC report, and shall be evaluated using the same criteria.

Each utility is also encouraged to evaluate original DSM measures which may not be included in the SRC report. Such original measures shall also be listed in addition to the 110 potential DSM measures listed in the SRC report, and shall be evaluated using the same criteria.

Before October 15, 1993, each utility shall schedule meetings with the intervenors in a good faith effort to reach consensus on the utilities' TMPRR. These meetings may be held in the Fletcher Building in Tallahassee. Commission staff shall be invited to attend each meeting. Sufficient notification shall be given so that if staff decides to attend appropriate notice may be served pursuant to Rule 25-22.033, Florida Administrative Code. By October 15, 1993, all intervenors and each utility shall file a technical market potential progress report with the Commission's Division of Records and Reporting, and shall serve it on each of the parties to these dockets. This progress report shall list the 110 demand side management measures in the same order as they are listed in the SRC report as well as measures employing natural gas and renewable energy resources and original DSM measures considered by the utility. Next to each measure, the utility filing the report shall indicate whether it should be implemented by the utility. Each intervenor filing the report shall indicate for each utility whether the conservation measures should be implemented.

At the Settlement Workshop scheduled for October 20, 1993, the positions of each party shall be reviewed to determine if a consensus has been reached. The Technical Market Potential Results Reports filed by each utility and any other related issues shall also be discussed.

Cost-Effectiveness Goal Results Report, Cost-Effectiveness Goals Progress Report, Integrated Resource Planning Report, and Settlement Workshop II

Each utility shall file with the Commission's Division of Records and Reporting, and shall serve on each of the parties to

this docket, a Cost-Effectiveness Goal Results Report (CEGRR) by the date listed in the Controlling Dates section of this order. The CEGRR shall address the 110 conservation measures listed in the SRC study as well as measures employing natural gas and renewable energy resources and original DSM measures considered by the utility. The results shall be filed separately for Residential and Commercial/Industrial measures. Within each of these two categories, two portfolios of measures will be developed: (1) all measures that pass the Rate Impact Measure (RIM) test, and (2) all measures that pass the Total Resource Cost (TRC) test, regardless if RIM is passed. For each portfolio of measures, and for each year of the ten-year horizon period, the winter KW, summer KW, and annual KWH savings will be listed for each individual measure. In addition, the annual and cumulative rate impacts (in cents per KWH) will be listed for each measure and for each portfolio of measures. Benefit/cost ratios for both the RIM and TRC tests shall be reported for each program as well as for each portfolio of programs. Projections of market penetrations for each measure shall also be included.

Before February 28, 1994, each utility shall schedule meetings with the intervenors in a good faith effort to reach a consensus on the cost-effectiveness of the conservation measures analyzed by the utilities. The meetings may be held in the Fletcher Building in Tallahassee. Staff shall be invited to attend each meeting. Sufficient notification shall be given so that if staff decides to attend appropriate notice may be served pursuant to Rule 25-22.033, Florida Administrative Code. By February 28, 1994, each intervenor shall file with the Commission's Division of Records and Reporting, and shall serve on each of the parties to this docket, a Cost-Effectiveness Goal Results Progress Report. This progress report shall indicate for each measure listed in the Cost-Effectiveness Goal Results Report filed by each utility whether the intervenor agrees with the utility's cost-effectiveness analysis. If the intervenor disagrees with the analysis, an explanation shall be given.

A second settlement workshop is scheduled for March 3, 1994. The purpose of this workshop is to discuss the cost-effectiveness goal results submitted by each utility and to determine if a consensus on issues has been reached. In addition, the question of whether Florida's IOUs employ integrated resource planning (as defined in the Energy Policy Act of 1992) in the development of numeric conservation goals shall be discussed. The question of whether Florida's investor owned utilities shall employ integrated

resource planning in considering supply side as well as demand side options shall also be discussed. These questions will be addressed at each hearing conducted for Florida's four major investor-owned utilities. At the March 3, 1994 settlement workshop, each investor-owned utility shall be prepared to discuss whether its planning process constitutes integrated resource planning as defined in the Energy Policy Act of 1992. If the utility does not employ integrated resource planning, the question of how it can change its planning process to employ integrated resource planning shall be addressed.

In order to facilitate discussion of the integrated resource planning issue, each utility shall file with the Commission's Division of Records and Reporting, and shall serve on each of the parties to this docket, a flow chart or outline of the utility's planning process, on or before February 25, 1994.

Prefiled Testimony and Exhibits

Pursuant to Rule 25-22.048, Florida Administrative Code, each party shall prefile, in writing, all testimony that it intends to sponsor. Such testimony shall be typed on 8 1/2 inch x 11 inch transcript-quality paper, double spaced, with 25 numbered lines, on consecutively numbered pages, with left margins sufficient to allow for binding (1.25 inches).

Each exhibit intended to support a witness' prefiled testimony shall be attached to that witness' testimony when filed, identified by his or her initials, and consecutively numbered beginning with 1. After an opportunity for opposing parties to object to introduction of the exhibits and to cross-examine the witness sponsoring them, exhibits may be offered into evidence at the hearing. Exhibits accepted into evidence at the hearing shall be numbered sequentially. The pages of each exhibit shall also be numbered sequentially prior to filing with the Commission.

An original and 21 copies of all testimony and exhibits shall be prefiled with the Director, Division of Records and Reporting by the close of business, which is 4:45 p.m., on the date due. A copy of all prefiled testimony and exhibits shall be served by mail or hand delivery to all other parties and staff no later than the date filed with the Commission. Failure of a party to timely prefile exhibits and testimony from any witness in accordance with the foregoing requirements may bar admission of such exhibits and testimony.

Prehearing Statement

Pursuant to Rule 25-22.038(3), Florida Administrative Code, a prehearing statement shall be required of all parties in these dockets. Staff will also file a prehearing statement. The original and 21 copies of each prehearing statement shall be prefiled with the Director of the Division of Records and Reporting by the close of business, which is 4:45 p.m., on the date due. A copy of the prehearing statement shall be served on all other parties and staff no later than the date it is filed with the Commission. Failure of a party to timely file a prehearing statement shall be a waiver of any issue not raised by other parties or by the Commission. In addition, such failure shall preclude the party from presenting testimony in support of its position. Such prehearing statements shall set forth the following information in the sequence listed below.

- (a) the name of all known witnesses that may be called by the party, and the subject matter of their testimony;
- (b) a description of all known exhibits that may be used by the party, whether they may be identified on a composite basis, and the witness sponsoring each;
- (c) a statement of basic position in the proceeding;
- (d) a statement of each question of fact the party considers at issue, the party's position on each such issue, and which of the party's witnesses will address the issue;
- (e) a statement of each question of law the party considers at issue and the party's position on each such issue;
- (f) a statement of each policy question the party considers at issue, the party's position on each such issue, and which of the party's witnesses will address the issue;
- (g) a statement of issues that have been stipulated to by the parties;
- (h) a statement of all pending motions or other matters the party seeks action upon; and

(i) a statement as to any requirement set forth in this order that cannot be complied with, and the reasons therefor.

Prehearing Conference

A prehearing conference will be held in this docket at the Fletcher Building, 101 East Gaines Street, Tallahassee, Florida. The conditions of Rule 25-22.038(5)(b), Florida Administrative Code, shall be observed. Any party who fails to attend the prehearing conference, unless excused by the Prehearing Officer, will have waived all issues and positions raised in that party's prehearing statement.

Prehearing Procedure: Waiver of Issues

Any issue not raised by a party prior to the issuance of the prehearing order shall be waived by that party, except for good cause shown. A party seeking to raise a new issue after the issuance of the prehearing order shall demonstrate that: it was unable to identify the issue because of the complexity of the matter; discovery or other prehearing procedures were not adequate to fully develop the issue; due diligence was exercised to obtain facts touching on the issue; information obtained subsequent to the issuance of the prehearing order was not previously available to enable the party to identify the issue; and introduction of the issue could not be to the prejudice or surprise of any party. Specific reference shall be made to the information received, and how it enabled the party to identify the issue.

Unless a matter is not at issue for that party, each party shall diligently endeavor in good faith to take a position on each issue prior to issuance of the prehearing order. When a party is unable to take a position on an issue, it shall bring that fact to the attention of the Prehearing Officer. If the Prehearing Officer finds that the party has acted diligently and in good faith to take a position, and further finds that the party's failure to take a position will not prejudice other parties or confuse the proceeding, the party may maintain "no position at this time" prior to hearing and thereafter identify its position in a post-hearing statement of issues. In the absence of such a finding by the Prehearing Officer, the party shall have waived the entire issue. When an issue and position have been properly identified, any party may adopt that issue and position in its post-hearing statement.

Document Identification

Each exhibit submitted as an attachment to prefiled testimony or at hearing shall have the following in the upper right-hand corner: the docket number, the witness's name, the word "Exhibit" followed by a blank line for the exhibit number and the title of the exhibit.

An example of the typical exhibit identification format is as follows:

Docket No. 12345-EI
J. Doe Exhibit No. _____
Cost Studies for Minutes of Use by Time of Day

Controlling Dates

The following activities have been established to govern the key activities in this case.

- | | | |
|-----|--|----------|
| 1.) | Technical Market Potential Results
Filed | 9/15/93 |
| 2.) | Technical Market Potential Progress
Report Filed | 10/15/93 |
| 3.) | Settlement Workshop I | 10/20/93 |
| 4.) | Gulf's Cost-Effectiveness Goal
Results Filed | 12/17/93 |
| 5.) | TECO's Cost-Effectiveness Goal
Results Filed | 1/14/94 |
| 6.) | FPC's Cost-Effectiveness Goal
Results Filed | 1/28/94 |
| 7.) | FPL's Cost-Effectiveness Goal
Results Filed | 2/18/94 |
| 8.) | Integrated Resource Planning
Report Filed | 2/24/94 |
| 9.) | Cost-Effectiveness Goal Results
Progress Report Filed | 2/28/94 |

10.) Settlement Workshop II	3/3/94
11.) Utilities' Petitions Filed	3/18/94
12.) Utilities' Direct Testimony and exhibits filed	3/18/94
13.) Preliminary Issue Statements Filed	3/28/94
14.) Intervenors' Direct Testimony and exhibits filed	4/5/94
15.) Staff's Direct Testimony and exhibits filed	4/5/94
16.) Pre-prehearing Conference	4/11/94
17.) Utilities' Rebuttal Testimony and exhibits filed	4/18/94
18.) Last Day to Send out Written Discovery Requests	4/20/94
19.) Prehearing Statements Filed	4/27/94
20.) Prehearing Conference	5/9-10/94
21.) Last day to conduct discovery	5/25/94
22.) Hearing	6/1-3;6;8-10/94
23.) Briefs Filed	7/8/94
24.) Special Agenda	8/18/94
25.) DSM Plans Filed	12/7/94

Use of Confidential Information At Hearing

It is the policy of this Commission that all Commission hearings be open to the public at all times. The Commission also recognizes its obligation pursuant to Section 366.093, Florida Statutes, to protect proprietary confidential business information from disclosure outside the proceeding. Any party wishing to use any proprietary confidential business information, as that term is

defined in Section 366.093, Florida Statutes, shall notify the Prehearing Officer and all parties of record by the time of the Prehearing Conference, or if not known at that time, no later than seven (7) days prior to the beginning of the hearing. The notice shall include a procedure to assure that the confidential nature of the information is preserved as required by statute. Failure of any party to comply with the seven day requirement described above shall be grounds to deny the party the opportunity to present evidence which is proprietary confidential business information.

When confidential information is used in the hearing, parties must have copies for the Commissioners, necessary staff, and the Court Reporter, in envelopes clearly marked with the nature of the contents. Any party wishing to examine the confidential material that is not subject to an order granting confidentiality shall be provided a copy in the same fashion as provided to the Commissioners, subject to execution of any appropriate protective agreement with the owner of the material. Counsel and witnesses are cautioned to avoid verbalizing confidential information in such a way that would compromise the confidential information. Therefore, confidential information should be presented by written exhibit when reasonably possible to do so. At the conclusion of that portion of the hearing that involves confidential information, all copies of confidential exhibits shall be returned to the proffering party. If a confidential exhibit has been admitted into evidence, the copy provided to the Court Reporter shall be retained in the Division of Records and Reporting's confidential files.

Post-hearing procedures

Rule 25-22.056(3), Florida Administrative Code, requires each party to file a post-hearing statement of issues and positions. A summary of each position of no more than 50 words, set off with asterisks, shall be included in that statement. If a party's position has not changed since the issuance of the prehearing order, the post-hearing statement may simply restate the prehearing position; however, if the prehearing position is longer than 50 words, it must be reduced to no more than 50 words. The rule also provides that if a party fails to file a post-hearing statement in conformance with the rule, that party shall have waived all issues and may be dismissed from the proceeding.

A party's proposed findings of fact and conclusions of law, if any, statement of issues and positions, and brief, shall together total no more than 60 pages, and shall be filed at the same time.


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The prehearing officer may modify the page limit for good cause shown. Please see Rule 25-22.056, Florida Administrative Code, for other requirements pertaining to post-hearing filings.

Based upon the foregoing, it is

ORDERED by Chairman J. Terry Deason, as Prehearing Officer, that the provisions of this Order shall govern this proceeding unless modified by the Commission.

By ORDER of Chairman J. Terry Deason, as Prehearing Officer, this 28th day of June, 1993.



J. TERRY DEASON, Chairman and
Prehearing Officer

(S E A L)

MAH:bmi

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.

Any party adversely affected by this order, which is preliminary, procedural or intermediate in nature, may request: 1) reconsideration within 10 days pursuant to Rule 25-22.038(2), Florida Administrative Code, if issued by a Prehearing Officer; 2) reconsideration within 15 days pursuant to Rule 25-22.060, Florida Administrative Code, if issued by the Commission; or 3) judicial review by the Florida Supreme Court, in the case of an electric, gas or telephone utility, or the First District Court of Appeal, in the case of a water or wastewater utility. A motion for

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reconsideration shall be filed with the Director, Division of Records and Reporting, in the form prescribed by Rule 25-22.060, Florida Administrative Code. Judicial review of a preliminary, procedural or intermediate ruling or order is available if review of the final action will not provide an adequate remedy. Such review may be requested from the appropriate court, as described above, pursuant to Rule 9.100, Florida Rules of Appellate Procedure.

THE FLORIDA STATEWIDE DSM STUDY

Residential DSM Measures List

RESIDENTIAL DSM MEASURES	
Space Conditioning	
1	High Efficiency Air Source Heat Pump
2	Ground Source Heat Pump
3	Two Speed Heat Pump
4	Ducts in Conditioned Spaces
5	Reduced Duct Leakage
6	Reduced Duct Heat Transfer
7	Setback/Programmable Thermostat
8	Load Control for Residential Electric Heat
Building Envelope	
9	Ceiling Insulation
10	Wall Insulation
11	Weatherstrip/Caulk w/Blower Door
12	Window Film/Reflective Glass
13	Low Emissivity Glass
14	Shade Screens
15	Reflective Roof Coatings
16	Attic Radiant Barriers
Air Conditioning	
17	High Efficiency Central AC
18	Two Speed Central AC
19	Whole House Fans
20	High Efficiency Room AC
21	Air Conditioning/Heat Pump Maintenance
22	DLC of Central AC
23	Landscape Shading
24	Ceiling Fans

THE FLORIDA STATEWIDE DSM STUDY

Residential DSM Measures List

RESIDENTIAL DSM MEASURES	
Water Heating	
25	High Efficiency Electric Water Heater
26	Integral Heat Pump Water Heater
27	Add-On Heat Pump Water Heater
28	Solar Water Heater
29	Heat Recovery Water Heater
30	Water Heater Tank Wrap
31	Water Heater Pipe Insulation
32	Heat Trap
33	Low Flow Showerhead
34	DLC of Electric Water Heater
Lighting	
35	Compact Fluorescent
36	Efficient Incandescent
37	High Pressure Sodium (Outdoor)
38	Motion Detectors
Appliances	
39	Best Current Refrigerator (Frost-free and manual)
40	Remove Second Refrigerator
41	Best Current Freezer (Frost-free and manual)
42	High Efficiency Clothes Washer
43	High Efficiency Pool Pump
44	Down-sized Pool Pumps w/Oversized Piping
45	DLC of Pool Pumps

THE FLORIDA STATEWIDE DSM STUDY
Commercial DSM Measures List

COMMERCIAL DSM MEASURES	
Space Conditioning	
46	High Efficiency Chiller
47	High Efficiency Chiller w/ASD
48	High Efficiency DX AC
49	High Efficiency Room AC
50	Cool Storage
51	Heat Pipe Enhanced DX AC
52	Hotel Occupancy Sensors
53	2-Speed Motor for Cooling Tower
54	Speed Control for Cooling Tower
55	Air Conditioning Maintenance
56	HVAC Air Duct/Water Pipe Insulation
57	HVAC Energy Management System
58	Temperature Setup/Setback
Envelope	
59	Roof Insulation
60	Wall Insulation
61	Window Film
62	Spectrally Selective Windows
63	Light Colored Roofs
Ventilation	
64	Leak Free Ducts
65	VAV Systems w/Inlet Vanes
66	ASD Ventilation Control w/VAV
67	Timer/Progrm. Ventilation Control
68	High Efficiency Motors
69	Separate Makeup Air/Exhaust Hoods

THE FLORIDA STATEWIDE DSM STUDY

Commercial DSM Measures List

COMMERCIAL DSM MEASURES	
Lighting	
70	4' - 34W Fluor. Lamps/Hybrid Ballasts
71	4' - 34W Fluor. Lamps/Electric Ballasts
72	8' - 60W Fluor. Lamps/Electric Ballasts
73	T8 Lamps/Electric Ballasts
74	Refl/Delamp:Install 4'-40W Fluor. Lamps/EE Ballast
75	Refl/Delamp:Install 4'-34W & 40W Fluor. Lamps/EE Ballast
76	Refl/Delamp:Install 8'-75W Fluor. Lamps/EE Ballast
77	Refl/Delamp:Install 8'-60W Fluor. Lamps/EE Ballast
78	Refl/Decamp:Install 4'-34W & 40W Fluor Lamps/Hyb. Ballast
79	Refl/Decamp:Install 4'-34W & 40W Fluor Lamps/Elec Ballast
80	Refl/Decamp:Install 8'-60W Fluor. Lamps/Elec. Ballast
81	4'-34W Fluor. Lamps/Dimming Ballasts
82	High Pressure Sodium (70/100/150/250W)
83	High Pressure Sodium (70/100/150/250W - w/ES Ballast)
84	High Pressure Sodium (35W)
85	Metal Halide (32W)
86	Compact Fluorescent Lamps (15/18/27W)
87	Two Lamp Compact Fluorescent (18W)
88	Energy Management System for Lighting
89	Occupancy Sensors
90	Daylighting Design
91	Photoelectric Control
Refrigeration	
92	Multiplex: Air-Cooled/No Subcooling
93	Multiplex: Air-Cooled/Ambient Subcooling
94	Multiplex: Air-Cooled/Mechanical Subcooling
95	Multiplex: Air-Cooled/Ambient & Mechanical Subcooling
96	Multiplex: Air-Cooled/External Liquid Suction HX
97	Open-Drive Refrigeration System (ASD)
98	Anti-Condensater Heater Controls
99	High R-Value Glass Doors
100	Refrigeration Energy Management System (EMS)
101	Dual Path Supermarket Air Conditioning

THE FLORIDA STATEWIDE DSM STUDY

Commercial DSM Measures List

COMMERCIAL DSM MEASURES	
Lighting	
70	4' - 34W Fluor. Lamps/Hybrid Ballasts
71	4' - 34W Fluor. Lamps/Electric Ballasts
72	8' - 60W Fluor. Lamps/Electric Ballasts
73	T8 Lamps/Electric Ballasts
74	Refl/Delamp:Install 4'-40W Fluor. Lamps/EE Ballast
75	Refl/Delamp:Install 4'-34W & 40W Fluor. Lamps/EE Ballast
76	Refl/Delamp:Install 8'-75W Fluor. Lamps/EE Ballast
77	Refl/Delamp:Install 8'-60W Fluor. Lamps/EE Ballast
78	Refl/Decamp:Install 4'-34W & 40W Fluor Lamps/Hyb. Ballast
79	Refl/Decamp:Install 4'-34W & 40W Fluor Lamps/Elec Ballast
80	Refl/Decamp:Install 8'-60W Fluor. Lamps/Elec. Ballast
81	4'-34W Fluor. Lamps/Dimming Ballasts
82	High Pressure Sodium (70/100/150/250W)
83	High Pressure Sodium (70/100/150/250W - w/ES Ballast)
84	High Pressure Sodium (35W)
85	Metal Halide (32W)
86	Compact Fluorescent Lamps (15/18/27W)
87	Two Lamp Compact Fluorescent (18W)
88	Energy Management System for Lighting
89	Occupancy Sensors
90	Daylighting Design
91	Photoelectric Control
Refrigeration	
92	Multiplex: Air-Cooled/No Subcooling
93	Multiplex: Air-Cooled/Ambient Subcooling
94	Multiplex: Air-Cooled/Mechanical Subcooling
95	Multiplex: Air-Cooled/Ambient & Mechanical Subcooling
96	Multiplex: Air-Cooled/External Liquid Suction HX
97	Open-Drive Refrigeration System (ASD)
98	Anti-Condensater Heater Controls
99	High R-Value Glass Doors
100	Refrigeration Energy Management System (EMS)
101	Dual Path Supermarket Air Conditioning

THE FLORIDA STATEWIDE DSM STUDY

Commercial DSM Measures List

COMMERCIAL DSM MEASURES	
Water Heating	
102	Heat Pump Water Heater
103	Solar Water Heater
104	Heat Recovery Water Heater
105	DHW Heater Insulation
106	DWH Heat Trap
107	Low Flow/Variable Flow Showerhead
108	DWH Recirculation Pumps
Cooking	
109	Convection Ovens
110	Energy Efficient Electric Fryers