

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Adoption of Numeric)
Conservation Goals and)
Consideration of National Energy)
Policy Act Standards (Section)
111) by:)
)
)

FLORIDA POWER & LIGHT COMPANY) DOCKET NO. 930548-EG
FLORIDA POWER CORPORATION) DOCKET NO. 930549-EG
GULF POWER COMPANY) DOCKET NO. 930550-EG
TAMPA ELECTRIC COMPANY) DOCKET NO. 930551-EG
) ORDER NO. PSC-93-1679-PCO-EG
) ISSUED: 11/19/93

FOURTH ORDER ESTABLISHING PROCEDURE

The first order establishing procedure in Docket Nos. 930548-EG through 930551-EG, Order No. PSC-93-0953-PCO-EG, directed Florida Power and Light Company (FPL), Florida Power Corporation (FPC), Tampa Electric Company (TECO), and Gulf Power Company (Gulf) to file a Technical Market Potential Results Report (TMPRR) by September 15, 1993. In developing the TMPRR, Florida's four largest investor-owned utilities (IOUs) were to consider the 110 measures listed in the Synergic Resources Corporation's Report No. 7777-R8, Electricity Conservation and Energy Efficiency in Florida: Technical, Economic and Achievable Results, Final Report (the SRC Report) prepared for the Florida Energy Office in May 1993. Each IOU was also required to consider original demand side management (DSM) measures as well as measures employing natural gas and renewable energy resources.

After each IOU filed its TMPRR, meetings were held at each IOU's home office to discuss the TMPRRs and to determine whether the IOUs and intervenors could reach consensus on which measures were appropriate for potential utility implementation. After participating in the meetings, each party was directed to file a technical market potential progress report.

On October 20, 1993, staff conducted its first settlement workshop in these dockets. Before this workshop, I directed staff to encourage all parties to attempt to reach a consensus at the settlement workshop. To that end, an attempt was made to reach agreement concerning which measures should be identified as potential utility programs (UP), with the understanding that the IOUs would evaluate UP measures for cost-effectiveness and market penetration to determine conservation goals. Because the parties could not reach a consensus, the parties were given an opportunity

20 NOV 1993

12420 NOV 1993

to file pleadings contesting staff's recommended characterization of the measures to which each party was also given an opportunity to respond.

FPL, FPC, TECO, Gulf, the Legal Environmental Assistance Foundation (LEAF), the Florida Client Council (FCC), and the Florida Department of Community Affairs (DCA) filed motions contesting the characterization of certain measures on the Demand Side Measures List compiled by staff. FPL, FPC, TECO, Gulf, LEAF, the Florida Industrial Power User's Group (FIPUG), the Florida Solar Energy Industries Association, Incorporated (FlaSEIA), City Gas Company of Florida (City Gas), Peoples Gas System, Inc. (Peoples), Chesapeake Utilities Corporation (Chesapeake), and West Florida Natural Gas Company (West Florida) filed responsive pleadings. My discussion and rulings on the issues raised by the parties' pleadings are set forth below.

I. CLASSIFICATION OF MEASURES ON DEMAND SIDE MEASURES LIST

Order No. PSC-93-0953-PCO-EG directed each IOU, in determining the applicability of conservation measures, to 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, climatological, demographic, or other factors; or (4) whether the measure requires further research to determine applicability.

Each utility was also directed to list the measures that are potential utility programs. During the course of the technical market potential stage, the characterization methodology has evolved as follows: Behavioral/Lifestyle (B); Code (C); Code

¹ At the November 3, 1993 meeting at which Commission staff, the parties, and DCA staff attended, the characterization of the Code/Code Option measures were made more specific. This further specificity is discussed in Section III of this order.

Option (CO); Not Applicable (N/A); Further Research (R&D); or Potential Utility Program (UP).

At the October 20, 1993 workshop, staff provided each party with a Demand Side Measures List (measures list) which listed each measure in the SRC report as well as the original measures reviewed by FPL, FPC, TECO, and Gulf. This measures list has been revised several times and includes 11 natural gas measures initially identified by staff. FPL, FPC, TECO, Gulf, and LEAF's characterization of each measure are shown on the measures list attached as Appendix A to this order. Until the time of the issuance of this order, all published copies of the measures list contained staff's recommended characterization of the measures as well.

FPL, FPC, TECO, FCC, and LEAF filed pleadings contesting some of staff's classifications of the measures on the Demand Side Measures List. FPL responded to FCC and LEAF's pleadings on this issue. I have reviewed the recommended characterization of each measure and the pleadings and responsive pleadings filed. My ruling for each measure is listed on the Demand Side Measures List attached as Appendix A under the column Commission (Comm.).

For purposes of clarification, a UP, R&D, N/A, or B² designation means:

SRC Measures

- UP Those measures designated as UP by me shall be included in the cost-effectiveness and market penetration evaluation by all utilities. Those measures designated as UP by an individual utility will be evaluated by that utility only, at this point in time.
- R&D Measures classified as R&D will not be included in the cost-effectiveness or market penetration evaluation. The Commission shall monitor the status of the R&D measures in the Energy Conservation Cost Recovery (ECCR) clause and include them as potential measures in the next goals setting process if appropriate.

² C1 through C5 and expedited R&D are clarified in sections III and IV of this order, respectively.

- N/A Measures classified as N/A shall not be included in the cost-effectiveness or market penetration evaluation.
- B Measures classified as B shall not be included in the cost-effectiveness or market penetration evaluation.

Utility Specific Measures

- UP If an individual utility has classified an original measure as UP, then that individual utility only shall perform a cost-effectiveness and market penetration evaluation. The other IOUs shall not be required to perform an analysis, at this point in time.
- R&D Measures classified as R&D will not be included in the cost-effectiveness or market penetration evaluation. The Commission shall monitor the status of the R&D measures in the Energy Conservation Cost Recovery (ECCR) clause and include them as potential measures in the next goals setting process if appropriate.
- N/A Measures classified as N/A shall not be included in the cost-effectiveness or market penetration evaluation.
- B Measures classified as B shall not be included in the cost-effectiveness or market penetration evaluation.

II. LEAF'S SUPPLEMENTAL MEASURES

On October 13, 1993, LEAF filed its Demand-Side Management Technical Market Potential Progress Report in which it suggested 70 supplemental measures for evaluation. In LEAF's November 12, 1993 Response to Pleadings on Measure Characterization, LEAF withdrew its supplemental measures from consideration in these proceedings so that the goals setting process would not be delayed. I grant LEAF's request to withdraw all of its supplemental measures from consideration in these proceedings. LEAF's supplemental measures can be considered in future goals setting proceedings. The IOUs should now be able to meet the Cost-Effectiveness Goal Results Report (CEGRR) schedule set out in Order No. PSC-93-0953-PCO-EG. Accordingly, I find the pleadings filed by FPL, FPC, TECO, Gulf, and FIPUG contesting the consideration of LEAF's supplemental measures to be moot.

III. CODE/CODE OPTION MEASURES

Staff scheduled a noticed meeting on November 3, 1993 with the staff of the DCA and the parties to these dockets to discuss the code (C) and code option (CO) classifications. At this meeting, the methodology used to characterize the C/CO measures was made more specific to more closely reflect the intent behind the C/CO characterizations. The new designations are as follows:

- C1 Measure is currently in the prescriptive portion of the code.³
- C2 Measure should be added to the prescriptive portion of the code.
- C3 Measure is currently an option in the code.
- C4 Measure should be added as an option in the code.
- C5 Measure is currently an option in the code, but should be upgraded to the prescriptive portion of the code.

The DCA filed a pleading to contest staff's recommended characterization of 47 measures as C2, C3, C4 and C5.⁴ DCA argues that these 47 measures should be classified as UP. DCA reasons that it is impossible for it "to predict whether any of the demand side measures will become part of the Code at any time in the future. Because of these uncertainties, it would be premature for the Commission to rule that these measures should be implemented by amendments to the Code, or that the utilities need no longer evaluate them." FPL, TECO, and Gulf filed responsive pleadings to DCA's pleading. All three argued that measures that belong in the code should be handled exclusively in the code and are not appropriate for implementation as utility programs.

³ The "code" is "The Florida Energy Efficiency Code for Building Construction" administered by the DCA pursuant to Section 533.901, Florida Statutes.

⁴ Attached as Appendix B is a table listing the measures contested by DCA.

I have reviewed the pleadings filed on this issue, and I find that the measures designated by me as C1 and C3 require no further evaluation in these dockets as they are currently in the code. I also find that a new designation, CUE (Code/Utility Evaluation), shall be implemented. The measures I have designated as CUE in Appendix A attached to this order are those measures which staff recommended characterizing as either C2, C4, or C5. Although preliminarily I agree with the Commission staff that these measures should be evaluated through the code revision process, I also believe they are measures which should not be dropped from consideration as potential utility programs if there is little chance DCA will support their evaluation and potential inclusion in the code. The CUE measures are worthy of further evaluation to determine their potential for inclusion in the goals setting process or in the next code revision process. I would like to see an evaluation of these measures before they are screened from the measures that will be considered in setting goals. I do not wish to be precluded from "upgrading" one or more of the CUE measures to potential utility program for goal setting purposes, until after I have an idea of the cost-effectiveness of these measures. To that end, FPL, FPC, TECO, and Gulf shall be required to evaluate the CUE measures and retain them as measures which may be considered in establishing numeric goals.

The evaluation of the CUE measures shall be separate from the measures designated by me as UP. The CUE evaluation shall include the cost-effectiveness tests required by Rule 25-17.008, Florida Administrative Code, as well as the DCA's cost-effectiveness test used in the code revision process. I encourage the DCA to cooperate with the IOUs and provide the IOUs the DCA's cost-effectiveness software. The CUE evaluation is due February 28, 1994.

Although I am aware there may be cross-subsidization and free-rider issues associated with utility implementation of these CUE measures, I have devised the CUE designation to insure these measures are not completely dropped from consideration. At present, we are in an information-gathering stage of the goals setting process. The Commission will not approve individual measures or programs at this stage. The Commission will set numeric goals for FPL, FPC, Gulf, and TECO after it has reviewed all pertinent and necessary information.

IV. NATURAL GAS MEASURES

On October 11, 1993, staff sent to each IOU a list of 11 natural gas measures and requested that the IOUs perform a cost-effectiveness analysis on these measures. At City Gas and Peoples' request, these 11 natural gas measures were added to the Demand Side Measures List. Staff recommended classifying these 11 natural gas measures as "expedited R&D." Although the staff believed it had included the information necessary to perform a cost-effectiveness analysis, the IOUs requested that the natural gas industry provide them with additional information.

City Gas, Peoples, Chesapeake, and West Florida have protested the additional information requested by the IOUs arguing that the information requested is superfluous, excessive, and unnecessary because the IOUs already have sufficient information on which to perform a cost-effectiveness analysis. These gas utilities further argue that the cost-effectiveness analyses the IOUs are attempting to perform are far above and beyond the cost-effectiveness analyses which will be performed by the IOUs on the UP measures. I believe the IOUs and natural gas industry need to cooperate and bring this process to a closure. To that end, the natural gas utilities that have intervened in these dockets shall have until December 1, 1993, to file with the Commission and serve on each party of record a list stating which information requested by the IOUs they believe to be superfluous, excessive, and unnecessary. The IOUs and other parties to the docket shall have until December 8, 1993 to respond to the gas intervenors' lists. After I have reviewed the lists provided by the natural gas industry, any responsive pleadings, and the IOUs' original request for additional information, I shall make a determination on which information the natural gas intervenors shall provide to the IOUs. After the natural gas industry has provided this information, the IOUs shall have 60 days to provide a cost-effectiveness analysis on the 11 natural gas measures.

FPL, FPC, LEAF, FIPUG, City Gas, Peoples, Chesapeake, and West Florida all filed pleadings, which I have reviewed, concerning the Commission's treatment of the 11 natural gas measures. I agree with staff's designation of the 11 natural gas measures on the measures list as expedited R&D. Until the cost-effectiveness analysis is completed and filed by the IOUs, we do not have enough information to classify these gas measures in any category other than expedited R&D. The expedited R&D categorization reflects this arrangement.

V. ISSUES RAISED BY LEAF

LEAF raised the following seven issues as necessitating a supplemental prehearing conference in these dockets in its Motion for Prehearing Conference and Comments on Demand Side Measures List. In addition to LEAF, the four IOUs filed responsive pleadings addressing these seven issues. Having reviewed the pleadings filed concerning these seven issues, I make the following rulings:

1. If at least one utility identified an SRC measure as a potential utility program in its TMPRR (as revised), should all other investor-owned utilities be required to perform cost-effectiveness analysis for that measure in CEGRRs?

This issue is fully discussed and answered in Section I of this order.

2. If at least one utility identified an additional measure as a potential utility program in its corrected TMPRR, should the other utilities be required to perform cost-effectiveness analysis for that measure in CEGRRs?

This issue is fully discussed and answered in Section I of this order.

3. How should utilities address measures that are classified as better implemented via the building code?

This issue is fully discussed and answered in Section III of this order.

4. What does the term "address" mean with respect to utility cost-effectiveness goal results report obligations regarding the 110 SRC measures?

Although I do not believe the term "address" is ambiguous here, I find that it means each utility shall evaluate those SRC measures classified as UP as discussed more fully in Section I of this order. The evaluation shall be as described in the Cost-Effectiveness Goals section of Order No. PSC-93-0953-PCO-EG and

shall be performed in accordance with Rule 25-17.008, Florida Administrative Code.⁵

5. What are the utilities' obligations to address "measures employing natural gas" in the cost-effectiveness goal results reports, including the gas fuel substitution measures listed on the revised demand-side measures list?

This issue is fully discussed and answered in Section IV of this order.

6. How will utilities combine DSM measures to perform the required evaluation of programs and portfolios in CEGRR filings?

I find the IOUs are in the best position to evaluate the appropriate combination of measures for purposes of proposing numeric goals. Because the IOUs file conservation programs after the Commission sets numeric goals, any discussion regarding this issue is more appropriate in the testimony presented at hearing.

7. Should utility cost-effectiveness assumptions be subject to review in advance of CEGRR filings?

I find this information is an appropriate matter for discovery by the parties.

VI. SUPPLEMENTAL PREHEARING CONFERENCE REQUESTS

LEAF requested a prehearing conference pursuant to Rules 25-22.037 and 25-22.038(4), Florida Administrative Code, in its Motion for Prehearing Conference and Comments on Demand Side Measures List. In their responsive pleadings, City Gas, Peoples, Chesapeake, West Florida, and FlaSEIA also request a prehearing conference. FPL, FPC, and TECO argue that an additional prehearing conference is unnecessary in their responsive pleadings. I have reviewed the pleadings filed concerning an additional prehearing conference, and I find one is not necessary at this time. I

⁵ The manual referred to in Rule 25-17.008 is available for review by the public by contacting the Bureau of Conservation/System Planning and Electric Safety in the Division of Electric and Gas.

believe the rulings I have made in this order clarify any ambiguities that may have existed in these dockets. I also find the parties have sufficient information to move forward in the cost-effectiveness and market penetration evaluation process and fully expect that all filing dates will be met as outlined in Order No. PSC-93-0953-PCO-EG.

VII. FlaSEIA'S COMMENTS

On November 12, 1993, the Florida Solar Energy Industries Association, Inc. (FlaSEIA) filed a petition to intervene in these dockets and also filed Comments on Demand Side Measures List and Request for Prehearing Conference. Pursuant to Order No. PSC-93-1626-PCO-EG, pleadings to contest a measure's characterization were due November 5, 1993. Responsive pleadings to pleadings contesting a measure's characterization were due on November 12, 1993, when FlaSEIA filed its comments. Because FlaSEIA's comments contest the characterization of solar energy measures and do not respond to any pleadings filed pursuant to Order No. PSC-93-1626-PCO-EG, I shall not consider FlaSEIA's comments. Rule 25-22.039, Florida Administrative Code, states that "[i]ntervenors take the case as they find it," and FlaSEIA shall not be allowed to contest a measure's characterization at this late date simply because it petitioned to intervene after the time to file such a pleading had passed.

VIII. CONCLUSION

The rulings I have made in this order are procedural in nature. They deal with the information the utilities are required to provide to the parties, Commission, and Commission staff to facilitate the Commission's efforts to set numeric goals. Any party that wishes to present its own analysis on the cost-effectiveness and market penetration of specific measures is free to do so. The cost-effectiveness and market penetration analysis on those measures not evaluated by the IOUs may be presented through testimony at the hearings scheduled for June of 1994.

It is, therefore,

ORDERED that the characterizations of the measures on the Demand Side Measures List attached as Appendix A to this order under the column Commission (Comm.) are the controlling characterizations in the cost-effectiveness and market penetration stage of these proceedings. Each SRC measure classified by me as UP shall be evaluated by Florida Power and Light Company, Florida Power Corporation, Tampa Electric Company, and Gulf Power Company. Any SRC or original utility measure classified by one of the investor-owned utilities as UP shall also be evaluated by the utility classifying it as UP. It is further

ORDERED that the Legal Environmental Assistance Foundation's request to withdraw all of its supplemental measures from consideration in these proceedings is hereby granted. It is further

ORDERED that the measures designated as C1 and C3 on the Demand Side Measures List attached as Appendix A to this order under the column Commission (Comm.) require no further evaluation in these dockets. The measures designated as CUE on the Demand Side Measures List under the column Commission (Comm.) shall be evaluated by the IOUs as discussed in Section III of this order. The CUE evaluation shall be filed with the Commission and served on all parties of record by February 28, 1993. It is further

ORDERED that the natural gas measures on the Demand Side Measures List attached as Appendix A to this order shall be classified as expedited R&D. It is further

ORDERED that each natural gas intervenor shall have until December 1, 1993 to file with the Commission and serve on each party of record a list stating which information requested by the investor-owned utilities it believes to be superfluous, excessive, and unnecessary. The investor-owned utilities and other parties to this docket shall have until December 8, 1993 to respond to the lists filed. After these pleadings have been reviewed, I shall make a determination, as Chairman and prehearing officer, on which information the natural gas intervenors shall provide to the investor-owned utilities. After the natural gas industry has provided this information, the investor-owned utilities shall have 60 days to provide a cost-effectiveness evaluation on the 11 natural gas measures. It is further

ORDERED that the rulings made in Section V of this order on LEAF's seven issues raised in its Motion for Prehearing Conference and Comments on Demand Side Measures List shall control. It is further

ORDERED that an additional prehearing conference is not necessary at this time. It is further

ORDERED that the Florida Solar Energy Industries Association, Inc.'s Comments on Demand Side Measures List filed on November 12, 1993 shall not be considered, as more fully discussed in Section VII of the order.

By ORDER of Chairman J. Terry Deason, as Prehearing Officer, this 19th day of NOVEMBER, 1993.



J. TERRY DEASON, Chairman and
Prehearing Officer

(S E A L)

MAH

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,

ORDER NO. PSC-93-1679-PCO-EG

DOCKETS NOS. 930548-EG, 930549-EG, 930550-EG, 930551-EG

PAGE 13

gas or telephone utility, or the First District Court of Appeal, in the case of a water or wastewater utility. A motion for 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.

B = Behavioral/Lifestyle
CUE = Code/Utility Evaluation
C1 = Currently In Prescriptive Code
C2 = Add to Prescriptive Code
C3 = Currently a Code Option
C4 = Add as a Code Option

C5 = Current Code Option -> Add to
Prescriptive Code
N/A = Not Applicable
R & D = Further Research
UP = Potential Utility Program

Measure	NEW CONSTRUCTION						EXISTING CONSTRUCTION					
	FPC	FP&L	GULF	TECO	LEAF	COMM	FPC	FP&L	GULF	TECO	LEAF	COMM
RSC-1 High Efficiency Air Source Heat Pump.	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-2 Ground Source Heat Pump	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-3 Two Speed Heat Pump	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-4A Ducts In Conditioned Spaces	C3	C3	C3	C3	UP	C3	N/A	N/A	UP	N/A	N/A	N/A
RSC-4B Ducts In Conditioned Spaces	C3	C3	C3	C3	UP	C3	N/A	N/A	UP	N/A	N/A	N/A
RSC-5A Reduced Duct Leakage	C1	C1	C1	C1	C	C1	UP	UP	UP	UP	UP	UP
RSC-5B Reduced Duct Leakage	C1	C1	C1	C1	C	C1	UP	UP	UP	UP	UP	UP
RSC-6A Reduced Duct Heat Transfer - New Construction	C1	C3	C4	C3	UP	CUE	N/A	N/A	UP	N/A	UP	N/A
RSC-6B Reduced Duct Heat Transfer - New Construction	C1	C3	C4	C3	UP	CUE	N/A	N/A	UP	N/A	UP	N/A
RSC-7A Setback/Programmable Thermostat	B	B	B	B	UP	UP	B	B	B	B	UP	UP
RSC-7B Setback/Programmable Thermostat	B	B	B	B	UP	UP	B	B	B	B	UP	UP
RSC-8A Load Control for Residential Electric Heat	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-8B Load Control for Residential Electric Heat	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-9A Ceiling Insulation - New Construction	C3	C3	C2	C3	UP	CUE	N/A	N/A	N/A	N/A	N/A	N/A
RSC-9B Ceiling Insulation - New Construction	C3	C3	C2	C3	UP	CUE	N/A	N/A	N/A	N/A	N/A	N/A
RSC-10A Ceiling Insulation (R0 - R19)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-10B Ceiling Insulation (R0 - R19)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-11A Ceiling Insulation (R11 - R30)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-11B Ceiling Insulation (R11 - R30)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-12A Ceiling Insulation (R19 - R30)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-12B Ceiling Insulation (R19 - R30)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-13A Ceiling Insulation (R30 - R38)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-13B Ceiling Insulation (R30 - R38)	N/A	N/A	N/A	N/A	N/A	N/A	UP	UP	UP	UP	UP	UP
RSC-14A Wall Insulation	N/A	N/A	N/A	N/A	C	N/A	UP	UP	UP	N/A	UP	UP
RSC-14B Wall Insulation	N/A	N/A	N/A	N/A	C	N/A	UP	UP	UP	N/A	UP	UP
RSC-15A Weatherstrip/Caulk w/Blower Door	N/A	N/A	N/A	N/A	C	N/A	UP	UP	UP	UP	UP	UP
RSC-15B Weatherstrip/Caulk w/Blower Door	N/A	N/A	N/A	N/A	C	N/A	UP	UP	UP	UP	UP	UP
RSC-16A Window Film/Reflective Glass	C3	C3	C3	C3	UP	C3	UP	UP	R&D	UP	UP	UP
RSC-16B Window Film/Reflective Glass	C3	C3	C3	C3	UP	C3	UP	UP	R&D	UP	UP	UP
RSC-17A Low Emissivity Glass	C4	C4	C3	C3	UP	C3	UP	UP	UP	UP	UP	UP
RSC-17B Low Emissivity Glass	C4	C4	C3	C3	UP	C3	UP	UP	R&D	UP	UP	UP
RSC-18A Shade Screens	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP	UP
RSC-18B Shade Screens	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP	UP
RSC-19A Reflective Roof Coatings	R&D	R&D	R&D	UP	UP	R&D	R&D	R&D	R&D	UP	UP	R&D
RSC-19B Reflective Roof Coatings	R&D	R&D	R&D	UP	UP	R&D	R&D	R&D	R&D	UP	UP	R&D
RSC-20A Attic Radiant Barriers	C3	C3	C3	C3	UP	C3	N/A	N/A	UP	N/A	UP	N/A
RSC-20B Attic Radiant Barriers	C3	C3	C3	C3	UP	C3	N/A	N/A	UP	N/A	UP	N/A
RSC-21A High Efficiency Central AC	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-22A Two Speed Central AC	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
RSC-23A Whole House Fans	B	B	B	B	UP	B	B	B	B	B	UP	B

Appendix A
Demand Side Measures List
Revised: 11/19/93

B = Behavioral/Lifestyle
CUE = Code/Utility Evaluation
C1 = Currently in Prescriptive Code
C2 = Add to Prescriptive Code
C3 = Currently a Code Option
C4 = Add as a Code Option

C5 = Current Code Option -> Add to
Prescriptive Code
N/A = Not Applicable
R & D = Further Research
UP = Potential Utility Program

Measure	
SC-D-7	Hotel Occupancy Sensors
SC-D-8	2-Speed Motor for Cooling Tower
SC-D-9	Speed Control for Cooling Tower
SC-D-10	Air Conditioning Maintenance - Chiller
SC-D-11	Air Conditioning Maintenance - DX AC
SC-D-12	HVAC Air duct/Water Pipe Insulation - Chiller
SC-D-13	HVAC Air duct/Water Pipe Insulation - DX AC
SC-D-14	HVAC Energy Management System - Chiller
SC-D-15	HVAC Energy Management System - DX AC
SC-D-16	Temperature Setup/Setback - Chiller
SC-D-17	Temperature Setup/Setback - DX AC
SC-D-18	Roof Insulation - Chiller
SC-D-19	Roof Insulation - DX AC
SC-D-20	Wall Insulation - Chiller
SC-D-21	Wall Insulation - DX AC
SC-D-22	Window Film - Chiller
SC-D-23	Window Film - DX AC
SC-D-24	Spectrally Selective Windows - Chiller
SC-D-25	Spectrally Selective Windows - DX AC
SC-D-26	Light Colored Roofs - Chiller
SC-D-27	Light Colored Roofs - DX AC
V-D-1	Leak Free Ducts - DX AC
V-D-2	VAV Systems w/Inlet Vanees - Chiller
V-D-3	VAV Systems w/Inlet Vanees - DX AC
V-D-4	ASD Ventilation Control w/VAV - Chiller
V-D-5	ASD Ventilation Control w/VAV - DX AC
V-D-6	Timer/Program. Ventilation Control - Chiller
V-D-7	Timer/Program. Ventilation Control - DX AC
V-D-8	High Efficiency Motors - Chiller
V-D-9	High Efficiency Motors - DX AC
V-D-10	Separate Makeup Air/Exhaust Hoods - Chiller
V-D-11	Separate Makeup Air/Exhaust Hoods - DX AC
L-D-1	4' - 34W Flour. Lampe/Hybrid Ballasts (#1)
L-D-2	4' - 34W Flour. Lampe/Hybrid Ballasts (#2)
L-D-3	4' - 34W Flour. Lampe/Electronic Ballasts (#1)
L-D-4	4' - 34W Flour. Lampe/Electronic Ballasts (#2)
L-D-5	8' - 60W Flour. Lampe/Electronic Ballasts (#1)
L-D-6	8' - 60W Flour. Lampe/Electronic Ballasts (#2)
L-D-7	T8 Lampe/Electronic Ballasts (#1)
L-D-8	T8 Lampe/Electronic Ballasts (#2)

NEW CONSTRUCTION						
FPC	FP&L	GULF	TECO	LEAF	COMM	
B	B	B	B	UP	B	
C2	C2	C4	C4	UP	CUE	
C4	C4	C4	C4	UP	CUE	
N/A	N/A	N/A	B	UP	N/A	
N/A	N/A	N/A	B	UP	N/A	
C1	C1	C4	C1	C	C1	
C1	C1	C4	C1	C	C1	
B	B	B	B	UP	B	
B	B	B	B	UP	B	
C1	C1	C1	C1	C	C1	
C1	C1	C1	C1	C	C1	
C3	C4	C5	C4	UP	CUE	
C3	C4	C5	C4	UP	CUE	
C3	C3	C5	C3	UP	CUE	
C3	C3	C5	C3	UP	CUE	
C3	C5	C5	C3	UP	CUE	
C3	C5	C5	C3	UP	CUE	
C3	C3	C5	C3	UP	CUE	
C3	C3	C5	C3	UP	CUE	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
C1	C1	C1	C1	C	C1	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
B	R&D	B	B	UP	B	
B	R&D	B	B	UP	B	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
C1	C1	C2	C1	UP	C1	
C1	C1	C2	C1	UP	C1	
N/A	N/A	UP	N/A	UP	N/A	
N/A	N/A	N/A	N/A	UP	N/A	
C3	C3	UP	C3	UP	CUE	
N/A	N/A	UP	N/A	UP	N/A	
C3	C3	C2	C3	UP	C3	
C3	C3	C2	C3	UP	C3	
C3	C3	C2	C3	UP	C3	
N/A	N/A	UP	N/A	UP	N/A	

EXISTING CONSTRUCTION						
FPC	FP&L	GULF	TECO	LEAF	COMM	
B	B	B	B	UP	B	
UP	UP	R&D	C	UP	UP	
UP	UP	R&D	C	UP	UP	
UP	UP	UP	B	UP	UP	
UP	UP	UP	B	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
B	B	B	B	UP	B	
B	B	B	B	UP	B	
B	B	B	B	UP	B	
B	B	B	B	UP	B	
UP	UP	UP	C	UP	UP	
UP	UP	UP	C	UP	UP	
N/A	N/A	UP	N/A	UP	N/A	
N/A	N/A	UP	N/A	UP	N/A	
UP	UP	R&D	UP	UP	UP	
UP	UP	R&D	UP	UP	UP	
N/A	N/A	R&D	N/A	UP	N/A	
N/A	N/A	R&D	N/A	UP	N/A	
R&D	R&D	R&D	C	UP	R&D	
R&D	R&D	R&D	C	UP	R&D	
UP	UP	UP	R&D	UP	UP	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
R&D	R&D	R&D	R&D	UP	R&D	
B	R&D	B	B	UP	B	
B	R&D	B	B	UP	B	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	R&D	UP	UP	
UP	UP	UP	R&D	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	
UP	UP	UP	UP	UP	UP	

Appendix A
Demand Side Measures List
Revised: 11/19/93

B = Behavioral/Lifestyle
CUE = Code/Utility Evaluation
C1 = Currently in Prescriptive Code
C2 = Add to Prescriptive Code
C3 = Currently a Code Option
C4 = Add as a Code Option

C5 = Current Code Option -> Add to Prescriptive Code
N/A = Not Applicable
R & D = Further Research
UP = Potential Utility Program

Measure	NEW CONSTRUCTION						EXISTING CONSTRUCTION					
	FPC	FP&L	GULF	TECO	LEAF	COMM	FPC	FP&L	GULF	TECO	LEAF	COMM
L-D-9	Ref/Delamp:Install 4' -40W Flour. Lamps/EE Ballast	N/A	N/A	UP	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-10	Ref/Delamp:Install 4' -34W & 40W Flour. Lamps/EE Ballast	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-11	Ref/Delamp:Install 8' -75W Flour. Lamps/EE Ballast	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-12	Ref/Delamp:Install 8' -60W Flour. Lamps/EE Ballast	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-13	Ref/Delamp:Install 4' -34W & 40W Flour. Lamps/Hybrid Ballast	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-14	Ref/Delamp:Install 4' -34W & 40W Flour. Lamps/Hybrid Ballast	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-15	Ref/Delamp:Install 4' -34W & 40W Flour. Lamps/Electronic Ball	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-16	Ref/Delamp:Install 4' -34W & 40W Flour. Lamps/Electronic Ball	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-17	Ref/Delamp:Install 8' -60W Flour. Lamps/Electronic Ballast	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-18	Ref/Delamp:Install 8' -60W Flour. Lamps/Electronic Ballast	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-19	4' x 34W Flour. Lamps/Dimming Ballasts (#1)	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-20	4' x 34W Flour. Lamps/Dimming Ballasts (#2)	N/A	N/A	N/A	N/A	UP	N/A	UP	UP	UP	UP	UP
L-D-21	High Pressure Sodium (70/100/150/250W)	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-22	High Pressure Sodium (70/100/150/250W - w/ES Ballast)	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-23	High Pressure Sodium (35W)	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-24	Metal Halide (32W)	C3	C3	C3	C3	UP	C3	UP	UP	UP	UP	UP
L-D-25	Compact Fluorescent Lamps (15/18/27W)	C3	C3	C3	C3	UP	UP	UP	UP	UP	UP	UP
L-D-26	Two Lamp Compact Fluorescent (18W)	C3	C3	C3	C3	UP	UP	UP	UP	UP	UP	UP
L-D-27	Energy Management System for Lighting	C3	C3	C3	B	UP	C3	B	B	UP	B	B
L-D-28	Occupancy Sensors	C3	C3	C3	C3	UP	C3	R&D	UP	R&D	UP	R&D
L-D-29	Daylighting Design	C3	C3	C3	C3	UP	C3	N/A	N/A	UP	N/A	N/A
L-D-30	Photoelectric Control	C1	C1	N/A	C1	UP	C1	B	R&D	UP	B	B
R-D-1	Multiplex: Air-Cooled/No Subcooling	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-2	Multiplex: Air-Cooled/Ambient Subcooling	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-3	Multiplex: Air-Cooled/Mechanical Subcooling	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-4	Multiplex: Air-Cooled/Ambient & Mechanical Subcooling	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-5	Multiplex: Air-Cooled/External Liquid Suction HX	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-6	Open-Drive Refrigeration System (ASD)	C3	C4	C4	C4	UP	CUE	UP	UP	UP	C	UP
R-D-7	Anti-Condensate Heater Controls	C3	C4	C4	C2	UP	CUE	UP	UP	UP	C	UP
R-D-8	High R-Value Glass Doors	C3	C4	C4	C2	UP	CUE	UP	UP	UP	C	UP
R-D-9	Refrigeration Energy Management System (EMS)	C3	C4	C4	C2	UP	CUE	UP	UP	UP	C	UP
R-D-10	Dual-Path Air Conditioning	R&D	R&D	R&D	R&D	R&D	R&D	R&D	R&D	R&D	R&D	R&D
W-D-11	Heat Pump Water Heater	UP	R&D	UP	R&D	UP	UP	UP	R&D	UP	UP	UP
W-C-12	Solar Water Heater	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP	UP
W-D-13	Heat Recovery Water Heater	UP	UP	UP	UP	UP	UP	UP	UP	R&D	UP	UP
W-D-14	DHW Heater Insulation	N/A	N/A	N/A	UP	UP	N/A	UP	UP	UP	UP	UP
W-D-15	DWH Heat Trap	C1	C1	N/A	C1	C	C1	UP	UP	C1	C	UP
W-D-16	Low Flow Variable Flow Showerhead	C1	C1	N/A	C1	C	C1	UP	UP	B	C	UP
W-D-17	DWH Recirculation Pumps	C1	C1	C1	C	C	C1	B	B	UP	B	UP
C-D-18	Convection Ovens	UP	UP	UP	UP	UP	UP	UP	UP	UP	C	UP

ORDER NO. PSC-93-1679-PCO-EG
DOCKETS NO. 930548-EG, 930549-EG, 930550-EG, 930551-EG
PAGE 17

B = Behavioral/Lifestyle
CUE = Code/Utility Evaluation
C1 = Currently in Prescriptive Code
C2 = Add to Prescriptive Code
C3 = Currently a Code Option
C4 = Add as a Code Option

C5 = Current Code Option --> Add to Prescriptive Code
N/A = Not Applicable
R & D = Further Research
UP = Potential Utility Program

Measure	NEW CONSTRUCTION						EXISTING CONSTRUCTION					
	FPC	FP&L	GULF	TECO	LEAF	COMM	FPC	FP&L	GULF	TECO	LEAF	COMM
C-D-19 Energy Efficient Electric Fryers	UP	UP	UP	UP	UP	UP	UP	UP	UP	C	UP	UP
FPC Stand By Generation	UP				UP	UP					UP	UP
FPC Interruptible General Rate Service	UP				UP	UP					UP	UP
FPC Curtailable General Rate Service	UP				UP	UP					UP	UP
FPC Commercial Heat Pipe	UP				UP	UP					UP	UP
FPC Residential Thermal Energy Storage	UP				UP	UP					UP	UP
FPC Distributed Photovoltaic Peak Shaving	R&D				R&D	R&D					R&D	R&D
FPC Solar Heating and Air Conditioning	R&D				R&D	R&D					R&D	R&D
FPC Natural Gas Substitution Measures	B				UP	B					UP	B
FPC Commercial Non-Combustion Cooking Ventilation Reduction	C4				UP	C					UP	R&D
FPL Residential Thermal Storage		R&D			R&D	R&D		R&D			R&D	R&D
FPL R-Subcoolers		R&D			R&D	R&D		R&D			R&D	R&D
FPL R-Desuperheaters		R&D			R&D	R&D		R&D			R&D	R&D
FPL R-Hot Water Storage		R&D			R&D	R&D		R&D			R&D	R&D
FPL Photovoltaic Pool Pump		R&D			R&D	R&D		R&D			R&D	R&D
FPL R-Natural Gas Space Heating		R&D			UP	R&D		R&D			UP	R&D
FPL R-Natural Gas Water Heating		R&D			UP	R&D		R&D			UP	R&D
FPL R-Natural Gas Cooking		R&D			UP	R&D		R&D			UP	R&D
FPL R-Natural Gas Clothes Drying		R&D			UP	R&D		R&D			UP	R&D
FPL R-Real Time Pricing		R&D			B	R&D		R&D			B	R&D
FPL Cold Air Distribution		R&D			UP	R&D		R&D			R&D	R&D
FPL C-Subcoolers		R&D			R&D	R&D		R&D			R&D	R&D
FPL C-Desuperheaters		R&D			R&D	R&D		R&D			R&D	R&D
FPL-31 1 Lamp, Exit Sign, Compact Fluorescent		C			UP	C		UP			UP	UP
FPL-32 1 Lamp, Exit Sign, Ught Emitting Diode		C			UP	C		UP			UP	UP
FPL-33 1 Lamp, Exit Sign, Compact Fluorescent		C			UP	C		UP			UP	UP
FPL-34 1 Lamp, Exit Sign, Ught Emitting Diode		C			UP	C		UP			UP	UP
FPL-35 2 Lamp 4 Foot Fixtures, T-8, Electronic		N/A			UP	N/A		UP			UP	UP
FPL-36 2 Lamp 4 Foot Fixtures, T-8, Hybrid		N/A			UP	N/A		UP			UP	UP
FPL-37 2 Lamp 4 Foot Fixtures, T-8, Electronic		N/A			UP	N/A		UP			UP	UP
FPL-38 2 Lamp 4 Foot Fixtures, T-8, Hybrid		N/A			UP	N/A		UP			UP	UP
FPL-39 High Pressure Sodium, 400 Watt		C			UP	C		UP			UP	UP
FPL-40 Helogen HIR, 60 Watt		C			UP	C		UP			UP	UP
FPL-41 2 Lamp 4 Foot Fixtures, T-10, Eff Ballast		N/A			C	N/A		UP			UP	UP
FPL-42 2 Lamp 4 Foot Fixtures, T-10, Eff Ballast		N/A			C	N/A		UP			UP	UP
FPL-43 2 Lamp 4 Foot Fixtures, T-10, Eff Ballast		N/A			C	N/A		UP			UP	UP
FPL-44 2 Lamp 4 Foot Fixtures, T-10, Eff Ballast		N/A			C	N/A		UP			UP	UP
FPL-45 Compact Fluorescent Reflector		C			UP	C		UP			UP	UP
FPL-46 4 Lamp 4 Foot Fixtures, T-8, Electronic Ballast		C			UP	C		UP			UP	UP
FPL-47 2 Lamp 8 Foot Fixtures, T-8, Electronic Ballast		C			UP	C		UP			UP	UP

B = Behavioral/Lifestyle
CUE = Code/Utility Evaluation
C1 = Currently in Prescriptive Code
C2 = Add to Prescriptive Code
C3 = Currently a Code Option
C4 = Add as a Code Option

C5 = Current Code Option -> Add to
Prescriptive Code
N/A = Not Applicable
R & D = Further Research
UP = Potential Utility Program

Measure	
FPL-48	2 Lamp 2x2 U-Bend, T-8, Electronic Ballast
FPL-49	2 Lamp, T-8, Electronic Ballast, Reflector
FPL-50	Compact Fluorescent 22 Watt (22)
FPL-51	Halogen Par38, 45 Watt
FPL-52	Current Limiters
FPL	Liquid Pressure Amplification
FPL	High Efficiency Motors (Non-HVAC)
FPL	GS Load Control for AC
FPL	GSD Load Control for AC
FPL	CILC
FPL	Off Peak Battery Charging
FPL	(COM) Pipe Insulation
FPL	(COM) High Efficiency Water Heater
FPL	C-Hot Water Storage
FPL	C-Natural Gas Space Heating
FPL	C-Natural Gas Water Heating
FPL	C-Natural Gas Cooking
FPL	C-Natural Gas Space Cooling
FPL	High Thermal Efficient Self Service Cogeneration
FPL	C-Real Time Pricing
GULF	Residential Advanced Energy Management System
GULF	Commercial/Industrial AEMS/Variable Pricing
TECO	Residential High Efficiency Heat Pump
TECO	Commercial High Efficiency Heat Pump
QTY/PEOPLES	Absorption Commercial Single Effect Gas Chillers
QTY/PEOPLES	Absorption Commercial Double Effect Gas Chillers
QTY/PEOPLES	Residential Gas Heat Pump and Hot Water
QTY/PEOPLES	Gas Engine Driven A/C
QTY/PEOPLES	Gas Engine Driven Water Chillers
QTY/PEOPLES	Double Integrated Gas Appliances
QTY/PEOPLES	Desiccant Gas Dehumidifier
QTY/PEOPLES	Gas Water Heaters
QTY/PEOPLES	Residential Gas Cogeneration
QTY/PEOPLES	Comm/Ind Gas Cogeneration
QTY/PEOPLES	Gas Driven Centrifugal Chillers

NEW CONSTRUCTION					
FPC	FP&L	GULF	TECO	LEAF	COMM
	C			UP	C
	C			UP	C
	C			UP	C
	C			UP	C
	C			N/A	C
	R&D			R&D	R&D
	UP			UP	UP
	UP			UP	UP
	R&D			UP	R&D
	UP			UP	UP
	UP			UP	UP
	C			C	C
	UP			UP	UP
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
		UP		UP	UP
		UP		N/A	UP
			UP	UP	UP
			UP	UP	UP
				UP	R&D
				UP	R&D
				R&D	R&D
				UP	R&D
				UP	R&D
				UP	R&D
				UP	R&D
				UP	R&D
				R&D	R&D
				R&D	R&D
				UP	R&D

EXISTING CONSTRUCTION					
FPC	FP&L	GULF	TECO	LEAF	COMM
	UP			UP	UP
	UP			UP	UP
	UP			UP	UP
	UP			UP	UP
	UP			UP	UP
	R&D			R&D	R&D
	UP			UP	UP
	UP			UP	UP
	R&D			UP	R&D
	UP			UP	UP
	UP			UP	UP
	UP			UP	UP
	UP			UP	UP
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
	R&D			UP	R&D
		UP		UP	UP
		UP		N/A	UP
			UP	UP	UP
			UP	UP	UP
				UP	R&D
				UP	R&D
				R&D	R&D
				UP	R&D
				UP	R&D
				UP	R&D
				UP	R&D
				R&D	R&D
				R&D	R&D
				UP	R&D

ORDER NO. PSC-93-1679-PCO-EG
DOCKETS NO. 930548-EG, 930549-EG, 930550-EG, 930551-EG
PAGE 19

ORDER NO. PSC-93-1679-PCO-EG
DOCKETS NO. 930548-EG, 930549-EG, 930550-EG, 930551-EG
PAGE 20

APPENDIX B

MEASURES CONTESTED BY DCA

SRC			SRC			SRC		
<u>Measure</u>	<u>DCA</u>	<u>Staff</u>	<u>Measure</u>	<u>DCA</u>	<u>Staff</u>	<u>Measure</u>	<u>DCA</u>	<u>Staff</u>
RSC-4A	UP	C3	SC-D-8	UP	C2	L-D-19	UP	C3
RSC-4B	UP	C3	SC-D-9	UP	C4	L-D-23	UP	C3
RSC-6A	UP	C4	SC-D-20	UP	C5	L-D-24	UP	C3
RSC-6B	UP	C4	SC-D-21	UP	C5	L-D-27	UP	C3
RSC-9A	UP	C5	SC-D-22	UP	C5	L-D-28	UP	C3
RSC-9B	UP	C5	SC-D-23	UP	C5	L-D-29	UP	C3
RSC-16A	UP	C3	SC-D-24	UP	C5	R-D-1	UP	C4
RSC-16B	UP	C3	SC-D-25	UP	C5	R-D-2	UP	C4
RSC-17A	UP	C3	L-D-3	UP	C5	R-D-3	UP	C4
RSC-17B	UP	C3	L-D-5	UP	C3	R-D-4	UP	C4
RSC-18A	UP	C3	L-D-6	UP	C3	R-D-5	UP	C4
RSC-18B	UP	C3	L-D-7	UP	C3	R-D-6	UP	C4
RSC-20A	UP	C3	L-D-11	UP	C3	R-D-7	UP	C4
RSC-20B	UP	C3	L-D-12	UP	C3	R-D-8	UP	C4
RSC-28A	UP	C5	L-D-17	UP	C3	R-D-9	UP	C4
RSC-28B	UP	C5	L-D-18	UP	C3			