



Florida Power & Light Company, 215 S. Monroe St., Suite 810, Tallahassee, FL 32301

Jessica Cano  
Principal Attorney  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420  
(561) 304-5226  
(561) 691-7135 (Facsimile)

May 2, 2011

RECEIVED-FPSC  
11 MAY -2 PM 3:09  
COMMISSION  
CLERK

VIA HAND DELIVERY

Ms. Ann Cole  
Division of the Commission Clerk and  
Administrative Services  
Florida Public Service Commission  
Betty Easley Conference Center  
2540 Shumard Oak Boulevard, Room 110  
Tallahassee, FL 32399-0850

100155-EG

Re: Petition for Approval of Florida Power & Light Company's Demand Side  
Management Plan – Responses to Staff's Fifth Data Request

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an  
original and 5 copies of FPL's responses to Staff's Fifth Data Request dated April 11, 2011.

Please contact me should you or your staff have any questions regarding this filing.

Sincerely,

*Jessica Cano*  
for Jessica Cano

Enclosure

CC: Larry Harris  
Vicki Kaufman  
George Cavros  
Suzanne Brownless  
John McWhirter  
Rick D. Chamberlain  
*1 CD contain-  
ing same  
4+5 CDs, containing same.*

- COM \_\_\_\_\_
- APA \_\_\_\_\_
- ECR \_\_\_\_\_
- GCL \_\_\_\_\_
- RAD** \_\_\_\_\_
- SSC \_\_\_\_\_
- ADM \_\_\_\_\_
- OPC \_\_\_\_\_
- CLK \_\_\_\_\_

an FPL Group company

DOCUMENT NUMBER-DATE

03001 MAY-2 =

FPSC-COMMISSION CLERK

**Q.**

Please provide updated data for Staff Data Request Number 1, Questions 1-6, showing the requested information for the Modified Plan and the Alternate Plan in Excel format.

**A.**

- Question 1 - Please see attached files as listed below:
  - **Parts a-c:** FPL interprets these Data Requests to be requesting the electronic copies of the information provided in the tables included in Section VII of its Demand-Side Management Plan. Please see files labeled: "Staff 5th Set - Question 1, 1.a.-1.c. Modified Plan" & "Staff 5th Set - Question 1, 1.a.-1.c. Alternate Plan."
  - **Parts d-g:** FPL interprets these Data Requests to be requesting the electronic copies of the cost-effectiveness analyses. Please note that to keep the volume of files as manageable as possible only programs whose cost-effectiveness changed under the Modified or Alternate Plans from the July, 1 2010 Revised DSM Plan are included in this section of the Data Request. For example, there were no changes to the solar programs under either Plan so duplicates of those files, which were provided in Staff's First Data Request, No. 1, are not included here. Please see attached files labeled "Staff 5th Set - Question 1, 1.d.-1.g. Modified Plan <Program Name>" (4 files) and "Staff 5th Set - Question 1, 1.d.-1.g. Alternate Plan - <Program Name>" (11 files.)
- Question 2 - Please see attached file "Staff's 5th Set Data Requests - Table 1 Question 2." Please note that even though the Alternate Plan's programs' savings are portrayed as percentages of the Commission's Authorized goals, as requested, the Alternate Plan is not designed to meet those goals. Instead, it is designed to meet the DSM goals as proposed by FPL in Docket No. 080407-EG. Please see FPL's response to Staff's Fifth Set of Data Requests, No. 2.c.
- Question 3 - Please see attached file "Staff 's 5th Set Data Requests - Table 1, Question 3 (FINAL)."
- Question 4 - Please see attached file "FPL (100155) - Staff 's 5th Set Data Requests - Table 1 Question 4 (FINAL)."
- Question 5 - Please see attached file "FPL (100155) - Staff 's 5th Set Data Requests - Table 1 Question 5 (FINAL)."
- Question 6 - Please see attached file "Staff 's 5th Set Data Requests - Table 1 Question 6 (FINAL)." Please note that even though the Alternate Plan's measures' savings are portrayed as percentages of the Commission's Authorized goals as requested, the Alternate Plan is not designed to meet those goals. Instead, it is designed to meet the DSM goals as proposed by FPL in Docket No. 080407-EG. Please see FPL's response to Staff's Fifth Set of Data Requests, No. 2.c.

DOCUMENT NUMBER-DATE

03001 MAY-2 =

FPSC-COMMISSION CLERK

**Q.**

Please refer to Tables 1-3 in both the Modified Plan and the Alternate Plan.

- a. Please provide similar tables showing FPL's projected incremental annual and cumulative savings each year.
- b. Please provide an explanation of how the savings were calculated.
- c. For any projected savings, for any year, or for any category that do not meet the Commission-set goals, please provide an explanation of why FPL's plans do not meet the goals set by the Commission, and what would have to be done to meet the goals set by the Commission.

**A.**

- a. Please see attached file "Staff 5th Set Data Requests - Question 2.a (FINAL)."
- b. FPL calculated the projected savings at the measure level and subsequently aggregated these to the program level. The calculation was to multiply projected participation levels by "per participant" savings values. In the case of existing measures, these savings values were derived from FPL's historic measurement and evaluation data. In the case of new measures, FPL used data from the Technical Potential Study.
- c. The projected savings for FPL's Modified Plan meet the Commission-set annual incremental goals for all categories in every year. The Alternate Plan's projected savings meet the DSM goals as proposed by FPL in Docket No. 080407-EG for all categories in every year. The level of those goals was established to yield low electric rates for all of FPL's customers, consistent with the Commission's historical DSM philosophy and approach. The Alternate Plan would result in substantially lower costs to FPL's customers.

**Florida Power & Light Company  
Docket No. 100155-EG  
Staff's Fifth Data Request  
Request No. 3  
Page 1 of 1**

**Q.**

Please explain why FPL claims projected savings from the Residential Low Income Home Energy Survey Program while no projected savings are claimed for other energy surveys.

**A.**

FPL is not proposing to claim any savings directly resulting from the surveys themselves. However, the Residential Low Income Home Energy Survey program also incorporates an energy efficiency kit which includes: compact fluorescent light bulbs; faucet aerators; low flow shower heads; and water heater pipe insulation. 100% of the projected savings associated with this program are related to these energy efficiency kit measures.

**Q.**

Page 2 of the Modified Plan states that three programs were modified from the Revised DSM Plan submitted July 1, 2011. Please explain what changes were made to these three programs, and any other changes that were made to any other programs, as compared to the Revised Plan.

**A.**

The three programs that were adjusted are: Residential Building Envelope; Residential Load Management (On Call); and Business Heating, Ventilating & Air-Conditioning. In each case, small increases in participation were made to certain measures within each program. Because the increases in participation needed to meet the annual incremental goals were so small, FPL felt it could achieve such increases without substantively modifying the programs. Depending on the measure, these adjustments affected between one to four years for the 10-year period for each measure. Please note, FPL also made a minor errata correction to the Residential Low Income Energy Efficiency Retrofit, which reduced the administrative cost for one measure within the program. This correction resulted in a minimal impact for the overall program.

**Florida Power & Light Company  
Docket No. 100155-EG  
Staff's Fifth Data Request  
Request No. 5  
Page 1 of 1**

**Q.**

Please provide an explanation of the rationale for the changes in projected number of participants and associated savings for each program between the Revised DSM Plan submitted July 1, 2011, and the Modified Plan and Alternate Plan.

**A.**

For the Modified Plan, please see FPL's response to Staff's Fifth Set of Data Requests, No. 4. The Alternate Plan is designed to meet the goals as proposed by FPL in Docket No. 080407-EG. The level of those goals was established to yield low electric rates for all of FPL's customers, consistent with the Commission's historical DSM philosophy and approach. Since the Alternate Plan's goal levels are lower than those for the Revised DSM Plan, FPL retained all of its existing programs as well as including one of the new residential low income programs from the Revised DSM Plan and the previously-approved solar programs. All of these programs' participation levels are either the same or lower than those in the Revised DSM Plan, depending on what was needed to meet the various FPL-proposed goals. For both plans, the savings calculations multiplied the projected participation by "per participant" savings values. For existing measures, these savings values were derived from FPL's historic measurement and evaluation data. For new measures, FPL used data from the Technical Potential Study.