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June 1, 2010

John Burnett
Progress Energy Service Company, LLC
P.O. Box 14042
St. Petersburg, FL 33733-4042

STAFF'S SECOND DATA REQUEST

Re: Docket No. 100160-EG - Petition of approval of demand-side management plan of Progress Energy Florida, Inc.

Dear Mr. Burnett:

By this letter, the Commission staff requests that Progress Energy Florida, Inc. (PEF or Company) provide responses to the following data requests.

1. For all existing programs, please provide the historic penetration (participation) levels.
2. On page 36 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Home Energy Improvement Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.74. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 36.
3. On page 47 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Residential New Construction Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.74. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 47.

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4. On page 59 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Neighborhood Energy Saver Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.63. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 59.
 - c. Please refer to the table on page 61 which displays the benefits and costs of the program under the Participants test. Please explain why column (5) shows Participants Costs for the years 2010 – 2019, yet the narrative on page 51 states “[t]he energy conservation measures installed and energy efficiency education provided will be at no cost to the participants.”
5. On page 71 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Low Income Weatherization Assistance Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.73. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program and whether these modifications caused the program to fail the RIM test, as indicated on page 73.
 - c. In reference to the table on page 73, please explain the source of the figures in column (4), Total Benefits, which begins with \$774 in year 2010.
6. On page 76, the description of the Residential Energy Management Program states “[m]ajor infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing 700 MW of direct load control capacity” Please explain or describe the nature of the upgrade and explain how PEF plans to recover the costs of the upgrade.
7. Please refer to the table on page 89 which displays the benefits and costs of the Residential Education program under the Participants test. Please explain why column (5) shows Participants Costs for the years 2010 – 2019, yet the narrative describing the program on pages 83 - 87 does not describe any costs to participating customers.

8. According to PEF's description of the Technical Potential Program on page 91, "[t]his program is designed to meet a technical goal of 1621 GWhs by the end of 2019." Please explain the basis for selecting this numeric goal.
 - a. On page 93, PEF states "[e]nergy reductions achieved through these tools will be counted within this program." Please explain or describe how PEF will measure the energy reductions achieved.
 - b. The table on page 103 shows annual participation estimates for the Technical Potential program reaching 100% cumulative penetration by 2019. Please explain or describe how PEF intends to effectively reach 100% of its residential customers by 2019.
 - c. Please recreate the tables on page 104 showing the total program savings estimates assuming only a 50% cumulative penetration level is achieved by 2019.
9. Please refer to the Better Business Program described on pages 110 – 119. According to the program description, "[a]ll business customers are eligible for this program." [page 110] Please explain why one of the general eligibility requirements on page 111 is "[m]ust have been influenced by one of Progress Energy's education opportunities."
10. On page 119 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Better Business Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.69. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program.
11. On page 130 of PEF's Proposed 2010 DSM Program Plan, PEF provides a table which shows the cost-effectiveness of the Commercial/Industrial New Construction Program with proposed modifications. The benefit/cost ratio shown for the Rate Impact Measure (RIM) test is 0.71. Please respond to the following:
 - a. Please provide the RIM test results prior to factoring in PEF's modifications.
 - b. Please explain or describe the proposed modifications to the existing program.
12. Please refer to the table on page 154 which displays the benefits and costs of the Commercial Education Program under the Participants test. Please explain why the figures in column (2) Incentive Payments, and column (7) Participants Costs, are identical for each year. In addition, please explain the basis of Participants Costs as represented in column (7).

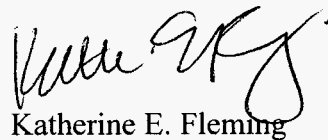
13. Please refer to the table on page 196 which displays the annual participation estimates for the Business Energy Response Program. Please explain the large increase in program measure participants from 7 participants in year 2011 to 5,904 participants in year 2012. Please explain or describe how PEF plans to achieve such a significant increase in 12 months.

For the following questions, please refer to the six pilot programs in PEF's Demand-Side Renewable Portfolio.

14. Please explain or describe PEF's decision to allocate the majority of solar pilot program expenditures to PV programs (approximately 75%), as compared with solar thermal programs (approximately 21%).
15. Please refer to page 222 which describes the Photovoltaic For Schools Pilot Program. The new photovoltaic systems will be installed by PEF at no cost to the school and will be owned, operated, and maintained by PEF for a period of 5 years, after which the school assumes ownership and system benefits. Please identify the type of costs, if any, that PEF expects the schools might incur after the schools assume ownership in five years.

Please file the original and five copies of the requested information by June 21, 2010, with Ms. Ann Cole, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6218 if you have any questions.

Sincerely,



Katherine E. Fleming
Senior Attorney
Office of the General Counsel

KEF/sh

cc: Office of Commission Clerk
Paul Lewis
Vicki Kaufman/Jon Moyle
John McWhirter
James Brew/Al Taylor
George Cavros
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