Hublic Service Commission

COMMISSION CLERK

December 13, 2010

James D. Beasley Ausley & McMullen P.O. Box 391 Tallahassee, FL 32302 STAFF'S FOURTH DATA REQUEST

GENERAL COUNSEL

Re: Docket No. 100159-EG – Petition of approval of demand-side management plan of Tampa Electric Company.

Dear Mr. Beasley:

By this letter, the Commission staff requests that Tampa Electric Company (TECO or Company) provide responses to the following data requests.

- 1. When in 2011 will TECO begin to offer the renewable energy pilot programs to customers?
- 2. Please define the term "rebates of one per <u>premise</u>" as referenced in items #1 and #4 of the residential solar hot water program and item #7 of the residential and commercial solar PHOTOVOLTAIC program standards.
- 3. a. Please describe any physical access to systems or devices the company will need to gather data for the pilot programs.
 - b. Please explain how the company plans to obtain any physical access to the systems or devices, including access if ownership of the underlying property is changed.
- 4. What obligations, if any, will be passed to subsequent owners of a system that has received rebates through the pilot programs? For example: renewable energy credits, access to the system, data from the system.
- 5. How will TECO measure and verify energy production and energy savings from devices funded through the pilot programs?
- 6. Please explain how and when TECO will measure and report cost effectiveness of the pilot programs to the Commission.

- 7. a. How does TECO plan to report administrative and marketing expenses for each pilot program to the Commission?
 - b. How does TECO plan to report administrative and marketing expenses for each pilot program against the annual incentive cap for each program?
 - c. How does TECO plan to report all other expenses associated with these pilot programs to the Commission?
- 8. How will TECO manage requests for rebates if such requests exceed the funds allocated for each program?
- 9. a. If there are excess funds in a program, how will TECO manage such funds and report this to the Commission?
 - b. If there are excess funds in a program, how will TECO notify or inform its customers or contractors of any remaining fund balances?
- 10. a. Does TECO intend to recognize Rule 25-6.065, F.A.C., for solar installations made pursuant to the renewable energy systems initiative?
 - b. If not, please explain.
 - c. If so, should the Rule be referenced in the program standards?

School Photovoltaic Program

- 11. Will TECO participate as a partner in the Sun Smart Schools program, administered by the Florida Solar Energy Center?
- 12. How does TECO plan to select schools for the School Photovoltaic program?
- 13. Will TECO coordinate its school selection with the Sun Smart Schools program?
- 14. Why isn't battery back-up required or standard for all school Photovoltaic installations made by TECO through this program?
- 15. a. With reference to item #4 in the School Photovoltaic Program, what criteria will be used to determine ownership of the installed School Photovoltaic System?
 - b. If TECO owns the School Photovoltaic System and receives any rebates or tax credits, how does TECO plan to report the receipt of such rebates or tax credits to the Commission?

- 16. Please explain TECO's warranty and maintenance of the School Photovoltaic System for the first 5 years:
 - a. If TECO owns the system.
 - b. If the school owns the system.
- 17. Please describe TECO's anticipated standard bid process for installation of the School Photovoltaic System.
- 18. Will TECO initiate a Standard Interconnection Agreement with the school? If not, please provide the Commission a contract or interconnection agreement for this program.

Residential Solar Water Heater Program

- 19. Please explain, in detail, TECO's reservation process for this program.
- 20. Why will TECO require a direct load control or tamper proof timer for each system?
- 21. With reference to item #13 of this program's standards, please explain TECO's requirement of Solar Water Heating Certification by the Florida Solar Energy Center, and how such construction will be processed.
- 22. In addition to FSEC certification, why is TECO requiring a copy of the solar water heating invoice; a purchase agreement; and an inspection report for completed work before issuing a rebate?
- 23. In the event that a customer or contractor exceeds the 90 day rebate application period, will the customer or contractor have any opportunity to receive the rebate? Please fully explain.
- 24. Is an energy audit necessary for new construction? If yes, what will constitute such an audit?
- 25. Why will TECO verify all solar water heating installations in addition to receiving an inspection report before issuing a rebate?
- 26. How will any unused Solar Water Heating Program funds be transferred to other pilot programs, and how will TECO report this information to the Commission?

Residential and Commercial Photovoltaic Rebate Program

27. With reference to item #4 of this program, please explain TECO's energy audit process for new construction.

- 28. a. Please explain the process by which a customer will provide a digital photo of the Photovoltaic system and disconnect switch.
 - b. Will TECO assist the customer with this requirement, and if so, how?
 - c. Will TECO require some identification information in the photo?
 - d. What is the digital medium needed for the file (e.g. jpeg, etc.)?

Low Income Solar Water Heating Program

- 29. Please identify the criteria TECO will use to approve non-profit builders/agencies.
- 30. Please provide a list of non-profit building contractors as described in item #1 of this program's standards.
- 31. What will be the capacity standard/size used for Solar Water Heating systems in this program?
- 32. Please explain the requirement to install a direct load control or tamper proof timer on these systems, as detailed in this program's standard #7.

Please file the original and five copies of the requested information by Monday, December 27, 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) 413-6856 if you have any questions.

Sincerely,

Lawrence D. Harris Senior Attorney

Office of the General Counsel

LDH/gdr

cc: Office of Commission Clerk Paula Brown Vicki Kaufman/Jon Moyle John McWhirter George Cavros Suzanne Brownless Rick D. Chamberlain