

Diamond Williams

100159-EG

From: Jim Beasley [jbeasley@ausley.com]
Sent: Monday, January 24, 2011 8:59 AM
To: Filings@psc.state.fl.us
Subject: Dkt. 100159 TECO's Revised Renewable DSM Program Standards
Attachments: Dkt 100159.pdf

Electronic filing

a. Person responsible for this electronic filing:

James D. Beasley
Ausley & McMullen
P.O. Box 391 (32302)
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Tallahassee, FL 32301
850 425-5485
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b. Docket No. 100159
In re: Petition for Approval of Demand-side Management Plan of Tampa Electric Company

c. The document is being filed on behalf of Tampa Electric Company.

d. There is a total of 19 pages

e. The document attached for electronic filing is a cover letter and Tampa Electric Company's Revised Renewable DSM Program Standards (marked "REVISED: January 21, 2011"), in both legislative format and "clean" format.

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DOCUMENT NUMBER-DATE

00502 JAN 24 =

1/24/2011

FPSC-COMMISSION CLERK

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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January 24, 2011

ELECTRONIC FILING

Ms. Ann Cole, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Petition for Approval of Demand-side Management Plan of Tampa Electric Company; FPSC Docket No. 100159-EG

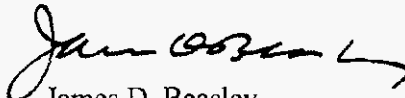
Dear Ms. Cole:

Enclosed for filing in the above-styled docket are Tampa Electric Company's Revised Renewable DSM Program Standards (marked "REVISED: January 21, 2011), in both legislative format and "clean" format.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/pp
Enclosures

cc: All Parties of Record (w/enc.)

DOCUMENT NUMBER DATE

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FPSC-COMMISSION CLERK

Program Standards: Renewable Energy Systems Initiative

School Photovoltaic ("PV") Program

Program Participation Standards

1. Participation is limited to public schools located in Tampa Electric's service area.
2. PV systems will be up to 10 kilowatts direct current ("DC"). Tampa Electric will rely upon the Florida Solar Energy Center ("FSEC") to select qualifying emergency shelter schools to be a part of their Sun Smart Schools Program. FSEC has initiated a selection process with an emphasis on attaining a minimum of one emergency shelter school in each Florida County. If emergency shelter schools are not available in Tampa Electric's service area, the company will coordinate with FSEC to select other non-shelter schools in its service area. If school is identified as a State of Florida emergency shelter, battery back-up will be required.
3. Installations will be limited to one site per year.
4. Tampa Electric will own and maintain the PV system for the first five years after installation and commissioning of the system. Thereafter, the company will transfer ownership of the PV system to the school; at that time, the school shall assume ownership and responsibility for all associated maintenance and operating costs of the PV system going forward. Alternatively, in the event Tampa Electric foregoes its right to own the PV system, the school must agree to own, operate and maintain the PV system immediately upon installation and commissioning of the system. Regardless of ownership, FSEC is securing a five-year warranty and maintenance agreement with the vendor.
5. Tampa Electric will perform field verifications on all installations. Installations must be accessible for verification by a Tampa Electric representative, including its contractor(s), to ensure compliance with program standards and complete maintenance as required in No. 4 above.
6. The school shall meet all applicable interconnection requirements as set forth in Tampa Electric's Standard Interconnection Agreement for Renewable Generator Systems in accordance with Rule 25-6.065 F.A.C. The interconnection agreement must be signed by representatives of the school and Tampa Electric upon transfer of ownership of the PV system to the school. In the event, Tampa Electric foregoes its right to own the PV system, the interconnection agreement must be signed by representatives of the school and Tampa Electric immediately upon installation and commissioning of the system.

7. Selection of a licensed solar contractor or electrical contractor with solar certification to install the PV system will be made by Tampa Electric. All selected contractors are responsible for all work performed and must comply with all local, state, and federal regulations and codes as well as Tampa Electric requirements.
8. The reporting requirements for this program are pursuant to Rule 25-17.0021(5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Residential Solar Water Heater ("SWH") Rebate Program

Program Participation Standards

1. Participation is limited to residential customers and the system must be used for domestic water heating. Pool heaters do not qualify. Structures located in Tampa Electric's service area are eligible. Applicant must be owner of premise.
2. Participant must have a south, east or west-facing roof area that is not shaded. The same non-shaded restriction applies to a ground-mounted system. Site selection is subject to Tampa Electric's approval.
3. A rebate of \$1,000 per system will be paid to the owner of premise until annual funding is depleted.
4. Rebates will be limited to one per premise.
5. A Tampa Electric energy audit is required prior to system installation to qualify for the rebate. If system construction or installation occurs prior to the required audit, Tampa Electric has no obligation to make a rebate payment to the applicant.
6. The reservation process for available annual funds will be managed on a first come first serve basis.
7. Reservations for available annual funds will begin October 1st of the previous year and close September 30th of the current funding year. Once all available annual funds have been assigned, no additional reservations will be accepted for that year unless other funds become available for use by this program.

Tampa Electric's reservation process for the Residential SWH Program will utilize a web-based process, which will be managed on a first come, first served basis. Specifically, customers will access a reservation form on the company's web site. The web site will allow customer reservations until the maximum number has been reached. When the maximum number of reservations has been reached, the system will begin collecting a list of "interested parties" with their contact information.

Once a customer has obtained a reservation, Tampa Electric will contact the customer to schedule a free home energy audit. The audit will verify the availability of qualifying roof space. After this verification, the customer will have 90 days to install the SWH system and submit the required documentation to Tampa Electric.

In the event customers with reservations do not qualify, decide not to move forward with the installation, or do not provide proof of installation within the required time period, the reservation process will be evaluated and reopened quarterly. All "interested parties" that provided contact information will then be notified and afforded the opportunity to secure a reservation. The reservations will again be first come, first served for the remaining funds.

In the event that a customer does not have access to the internet, the customer will have the option to call Tampa Electric's designated solar incentive line and a representative will provide assistance for completing the reservation form and providing a hard copy confirmation to the customer.

8. Direct load control or a tamper-proof timer is required for each system.
9. All SWH system components must be new. Retrofits, upgrades and systems relocated from another premise do not qualify for a rebate.
10. System components and installation must meet local, state and federal regulations and building codes.
11. A licensed plumber or solar contractor must install the system.
12. A copy of the local code enforcement inspection report must be provided to Tampa Electric prior to disbursement of a rebate.
13. The system must be certified by Florida Solar Energy Center ("FSEC"). A copy of the FSEC System Certification sheet or certification number must be submitted with rebate application.
14. A copy of the system invoice or purchase agreement with licensed contractor must be submitted with rebate application.
15. New construction installations will be limited to no more than 20 percent of systems receiving rebates.
16. System must be installed and all required documentation must be submitted to Tampa Electric within 90 days of the energy audit. Failure to submit the completed SWH rebate form and required documents within 90 days shall void the reservation and funding for this reservation will be reassigned. If there is additional funding available, the applicant may reapply for the rebate.
17. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of installations. The company will utilize an office verification process to validate the information for the remaining installations. Additionally, Tampa Electric will utilize data from FSEC for demand and energy savings. The

company will collect SWH system costs and the number of people living in the residence.

18. Any unused funds for this program will be transferred to other components of the company's renewable initiative.
19. The reporting requirements for this program are pursuant to Rule 25-17.0021(5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Residential and Commercial PV Rebate Program

Program Participation Standards

1. Participation is open to residential and commercial customers located in Tampa Electric's service area. Applicant must be owner of premise.
2. Participant must have a south, east or west-facing roof area that is not shaded. The same non-shaded restriction applies to a ground-mounted system. Site selection is subject to Tampa Electric's approval.
3. Rebate: \$2/watt ~~up to 10 kilowatts DC~~ for residential and commercial. Maximum incentive \$20,000 per premise, lifetime. All rebate payments will be made to the owner of premise.
4. A Tampa Electric energy audit is required prior to system installation to qualify for the rebate. If system construction or installation occurs prior to the required audit, Tampa Electric has no obligation to make a rebate payment to the applicant.
5. The reservation process for available annual funds will be managed on a first come first serve basis.
6. Reservations for available annual funds will begin October 1st of the previous year and close September 30th of the current funding year. Once all available annual funds have been assigned, no additional reservations will be accepted for that year unless other funds become available for use by this program.

Tampa Electric's reservation process for the PV Program will utilize a web-based process, which will be managed on a first come, first served basis. Specifically, customers will access a reservation form on the company's web site. The web site will allow customer reservations until the maximum number has been reached. When the maximum number of reservations has been reached, the system will begin collecting a list of "interested parties" with their contact information.

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notified and afforded the opportunity to secure a reservation. The reservations will again be first come, first served for the remaining funds.

In the event that a customer does not have access to the internet, the customer will have the option to call Tampa Electric's designated solar incentive line and a representative will provide assistance for completing the reservation form and providing a hard copy confirmation to the customer.

7. Limit one reservation per premise per funding year until a maximum of \$20,000 40-kW has been paid on the ~~achieved by that~~ premise.
8. System components and installation must meet local, state and federal regulations and building codes.
9. A licensed solar contractor or electrical contractor with solar certification must install the system.
10. A copy of the local code enforcement inspection report must be provided to Tampa Electric prior to disbursement of rebate.
11. The application for rebate must include a digital photo of the PV system and its disconnect switch as well as a copy of the PV system invoice or purchase agreement with licensed contractor.
12. The PV system must be grid-connected. The applicant shall meet all applicable interconnection requirements as set forth in Tampa Electric's Standard Interconnection Agreement for Renewable Generator Systems in accordance with Rule 25-6.065 F.A.C. The interconnection agreement must be signed by owner of the premise and Tampa Electric.
13. All PV system components must be new. Retrofits, upgrades and systems relocated from another premise do not qualify for a rebate.
14. New construction installations will be limited to no more than 20 percent of systems receiving rebates.
15. Commercial rebates will be limited to a maximum of 40 percent of annual allocation.
16. System must be installed and all required documentation must be submitted to Tampa Electric within 90 days of the energy audit. Failure to submit the completed PV rebate form and required documents within 90 days shall void the reservation and funding for this reservation will be reassigned. If there is additional funding available, the applicant may reapply for the rebate.
17. Tampa Electric will perform field verifications on all installations.

18. Any unused funds for this program will be transferred to other components of the company's renewable initiative.
19. The reporting requirements for this program are pursuant to Rule 25-17.0021(5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Low Income SWH Program

Program Participation Standards

1. Participation is limited to new construction single-family housing built in collaboration with non-profit building organizations. Home must be located in Tampa Electric service area.
2. Participant must have a south, east or west-facing roof area that is not shaded. Site selection is subject to Tampa Electric's approval.
3. Customer eligibility will be determined by the non-profit building organizations.
4. Funding will provide a SWH system for a maximum of five houses per year.
5. A State of Florida licensed contractor will be used to install the SWH system.
6. System components and installation must meet local, state and federal regulations and building codes.
- ~~6-7.~~ The system must be certified by Florida Solar Energy Center ("FSEC"). A copy of the FSEC System Certification sheet or certification number must be submitted with rebate application.
- ~~7-8.~~ Direct load controller-a tamper-proof timer is required for each system.
- ~~8-9.~~ Contractors shall indemnify and hold harmless Tampa Electric from any and all losses, liabilities, injuries, damages, claims or costs whatsoever caused by items furnished or services rendered as a result of this program.
- ~~9-10.~~ Any unused funds for this program will be transferred to other components of the company's renewable initiative.
- ~~10-11.~~ The reporting requirements for this program are pursuant to Rule 25-17.0021(5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings. Additionally, Tampa Electric will utilize data from FSEC for demand and energy savings. The company will collect SWH system costs and the number of people living in the residence.

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