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Public Service Commission

March 16, 2020

Mr. James D. Beasley
Ausley & McMullen
Post Office Box 391
Tallahassee, Florida 32302
jbeasley@ausley.com

STAFF'S FIRST DATA REQUEST VIA EMAIL & US MAIL

Re: Docket No. 20200053-EG - Petition for approval of demand-side management plan, by Tampa Electric Company.

Dear Mr. Beasley:

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

1. Please identify and describe any changes between TECO's 2015 demand-side management (DSM) plan filing approved by Order No. PSC-15-0323-PAA-EG, and the proposed 2020 DSM plan filing. Please also identify whether any of those changes were not included in TECO's proposed 2020 DSM plan filing.
2. Please provide a table identifying the projected program participation by program for each residential and commercial program in TECO's 2015 and 2020 DSM plan filings for the years 2020 through 2024.
 - a. Please also explain any differences between the projected program participation for the years 2020 through 2024.
3. Please provide a table identifying the projected program savings by program for each residential and commercial program in TECO's 2015 and 2020 DSM plan filings for the years 2020 through 2024.
 - a. Please also explain any differences between the projected program savings for the years 2020 through 2024.
4. Please provide a table identifying the projected customer incentives by program for each residential and commercial program in TECO's 2015 and 2020 DSM plan filings for the years 2020 through 2024.
 - a. Please also explain any differences between the projected customer incentives for the years 2020 through 2024.

5. Please refer to the “Discontinued DSM Programs Summary” table on page 6 of TECO’s petition filed in this Docket. Please provide a revised version of this table to reflect the benefit/cost ratio results in the “PCT Value” column.
 - a. Please also indicate whether the Utility attempted to achieve passing cost-effectiveness test results prior to deciding to discontinue the programs mentioned. Please explain your response in detail.
6. Please reference TECO’s proposed Integrated Renewable Energy System (Pilot) Program for the following questions:
 - a. Please identify any alternatives the Utility has explored to conduct this research other than the Pilot Program (such as through computer models). Please also explain why any alternatives were dismissed. If other alternatives were not explored, please explain why.
 - b. Please indicate whether the Pilot Program is the most cost-effective way to conduct this research. Please also provide any cost-effectiveness analyses conducted for the Pilot Program. If these analyses are unavailable, please explain why.
 - c. Please explain why this research cannot be conducted under TECO’s current Conservation Research & Development Program.
 - d. Please explain how the Utility intends to recover costs associated with the Pilot Program.
7. Please refer to pages 12 and 13 of the Utility’s petition in this Docket for the following:
 - a. Please provide revised versions of the “Residential Programs” and “Commercial Programs” tables to reflect the benefit/cost ratio results in the “PCT Value” column.
 - b. Please explain why the Utility is proposing to continue the “Residential Heating and Cooling” program even though it fails the Participants Test (PCT) and Total Resource Cost (TRC) Test. Please also explain why this program should be approved as part of TECO’s DSM plan. As part of your response, please describe a possible solution, if any, to achieve passing results for the PCT and TRC Test, while also maintaining passing results for the Rate Impact Measure (RIM) Test.
 - c. For each of the residential and commercial programs failing the TRC Test, please describe possible solutions, if any, to achieve passing results while also maintaining passing results for the PCT and RIM Test.
8. Please identify the total projected annual bill impact (at 1,000 kilowatt-hours (kWh) and 1,200 kWh) on the general body of customers’ monthly bills by program for each of the proposed residential and commercial DSM programs.
9. Please identify the total projected annual program costs by program for each of the proposed residential and commercial DSM programs.
10. Please provide a table identifying the projected annual program savings that will contribute to the Commission-approved DSM goals by program for each of the proposed residential and commercial DSM programs.

11. Please refer to page 119 of TECO's petition. Please explain why the Utility projects that it will take two years to start the program.
12. Please refer to page 7 of the Utility's petition. Page 7 states that the Neighborhood Weatherization Program will now include the performance of a walk-through energy audit. Will those audits be counted as participants under both the Neighborhood Weatherization and Residential Walk-Through Energy Audit programs? Please explain your response in detail.
13. Please explain in detail the reasons for the increases in administrative costs between TECO's current DSM plan (filed in 2015) and its proposed DSM plan for the following programs:
 - a. Neighborhood Weatherization (administrative cost per participant increased from \$374 to \$814).
 - b. Energy Planner (one time administrative, installation, and setup cost increased from \$546 to \$896).
 - c. Standby Generator (annual recurring administrative cost per participant increased from \$386 to \$1,196).
14. Please explain in detail TECO's rationale for increasing its program costs in the Conservation Research and Development Program, in light of TECO's current DSM plan (filed in 2015) which sets a limit of \$200,000 per year, and TECO's proposed DSM plan which increases the limit to \$400,000 per year.
15. Please refer to page 51 of the Utility's petition to answer the following questions:
 - a. Please explain in detail how TECO projected year-to-year participation levels for the Energy and Renewable Education, Awareness, and Agency Outreach program for each year from 2020 to 2029.
 - b. Please explain the distinction between a customer and a participant for the Energy and Renewable Education, Awareness, and Agency Outreach program. As part of your response, please discuss how the Utility distributed 6,835 energy saving kits, and netted 750 customers.
 - c. Please identify the data and assumptions TECO relied on to estimate the number of program participants for this review period.
16. Please refer to page 54 of the Utility's petition. Please identify what actions are available to TECO that would allow the Energy and Renewable Education, Awareness, and Agency Outreach program to pass the RIM test. As part of your response, please explain what the drawbacks are of taking such actions.
17. Please refer to page 101 of the Utility's petition to answer the following questions:
 - a. Please explain how TECO projected the year-to-year participation level for the Neighborhood Weatherization program to be 6,500 each year from 2020-2029.
 - b. Please identify the data and assumptions the Utility relied on to estimate the number of program participants for this review period.
18. Please refer to page 104 of the Utility's petition. Please identify what actions are available to TECO that would allow the Neighborhood Weatherization program to pass

Mr. James D. Beasley

Page 4

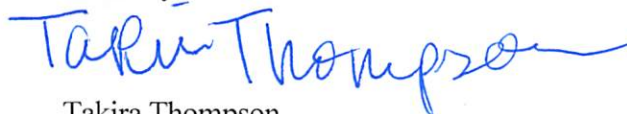
March 16, 2020

the RIM test. As part of your response, please explain what the drawbacks are of taking such actions.

19. Please explain in detail the reason(s) for the difference between the following two projections. First, in TECO's August 9, 2019, filing in Docket No. 20190002-EG, Schedule C-5, page 1 reflects a projection of 49,503 participants for energy audits for January 2020 – December 2020. Second, in TECO's petition filed in the instant Docket, pages 20, 24, and 29 show energy audit participation projections for the same period to be 34,004.
20. Please refer to page 27 of the Utility's petition in this Docket to answer the following questions:
 - a. Please explain why TECO assumes that the kilowatt and kWh savings from the Residential Computer Assisted Energy Audit (RCS-Paid Audit) and Residential Computer Assisted Audit programs will be the same.
 - b. Please identify what data supports TECO's assumption.
 - c. Please identify what the \$15 per audit charge for the Residential Computer Assisted Energy Audit (RCS-Paid Audit) covers.

Please file all responses electronically no later than **April 6, 2020**, via the Commission's website at www.floridapsc.com, by selecting the Clerk's Office tab and Electronic Filing Web Form (reference Docket No. 20200053-EG). If you have any questions, please contact me by phone at (850) 413-6592, or by email at tthomps@psc.state.fl.us.

Sincerely,



Takira Thompson
Engineering Specialist

TTT/jp

cc: Office of Commission Clerk (Docket No. 20200053-EG)
J. Jeffrey Wahlen/Malcolm N. Means – Ausley & McMullen
Paula Brown – Regulatory Affairs (regdept@tecoenergy.com)