

STATE OF FLORIDA



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Public Service Commission

August 23, 2022

Dianne M. Triplett
Duke Energy Florida, LLC
299 1st Avenue North
St. Petersburg, Florida 33701
Dianne.Triplett@duke-energy.com

STAFF'S SECOND DATA REQUEST

Matthew R. Bernier/
Stephanie Cuello
106 E. College Avenue, Ste. 800
Tallahassee, Florida 32301
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COMMISSION
CLERK

RE: Docket No. 20220106-EI- Petition for approval of new My Energy Bill+ program (program) with income qualified component, by Duke Energy Florida, LLC.

Dear Ms. Triplett, Mr. Bernier, and Ms. Cuello:

By this letter the Commission staff requests that Duke Energy Florida, LLC (Duke) provide responses to the following data requests.

1. What is the cost, or range of costs, for a smart thermostat that would be used by participants in the program?
2. Does Duke expect that any thermostats be donated for the use in the program? If yes, please explain why a thermostat partner would donate a thermostat.
3. Please explain if the program has the capability to work with customers who already have a smart thermostat installed in their home or whether customers need to get a specific smart thermostat to be able to subscribe to the proposed program.
4. The proposed tariff refers to an "eligible peak usage management device." Please explain what makes a smart thermostat "eligible."

5. Is there a cap to the total number of participants of the program? If yes, please explain how Duke determined the cap number.
6. What, if any, research has been done to determine the coincident peak reduction the proposed program will have on Duke's system?
7. Please explain if and how this program will be used for reliability purposes.
8. Please explain what the "Share the Light" fund is and how it is funded. In your answer, please explain any other programs Duke has that use this fund.
9. The following questions are related to Duke's response to question No. 6 of Staff's First Data request. Please respond to the following:
 - A) Based on the hypothetical My Energy Bill+ Amounts for the first year, please explain and show the calculation for the following for the month of January.
 - i) Amount allocated below-the-line.
 - ii) Amount allocated above-the-line using UCM mechanism
 - iii) Please explain whether the amounts recorded below-and above-the-line are determined and recorded monthly or annually.
 - B) Please provide the chart provided in excel format with formulas intact.
10. The following questions are related to the Unit Cost Mechanism (UCM) and Duke's response to question No. 7 of Staff's First Data Request.
 - A) Regarding the UCM, please explain how Duke will determine the billing determinants (on-peak kwh, off-peak kwh, super off-peak kwh, and customer max kw) for a customer on the program.
 - B) Regarding the UCM, please explain whether the billing determinants for the system peak kW and per class peak kW will be updated annually for UCM calculations.
 - C) Duke states that "Specifically, the UCM reflects cost causation through discreet charges designed to recover targeted system costs in a much more accurate and granular manner than the standard RS rate design." Please explain what the "targeted system costs" are.
11. Please explain what the administrative and operating costs of the proposed program are and if they are being accounted for as an above-the-line or below-the-line.
12. Referring to Duke's response to question No. 11 of Staff's First Data Request, please explain what is the value of the confidence intervals that will determine if the demand

impact is statistically significant? In your answer please state how Duke will handle outliers in the model that may affect the output of the statistically significant result.

13. How has Duke marketed the proposed program to its customers? In your answer, please provide a dollar amount of the marketing costs that Duke has already incurred and is expected to incur in the first year of the program.

14. Please explain how the utility will ensure that the demand savings from controlling the smart thermostats in the proposed program justify the reduction from 6% risk premium in Your Fixed Bill program to the proposed 4% risk premium in the My Energy Bill+ program.

Please file all responses electronically no later than the end of business on September 6, 2022 via the Commission's website at www.floridapsc.com, by selecting the Clerk's Office tab and Electronic Filing Web Form.

A handwritten signature in black ink that reads "Holly Torres". The signature is written in a cursive style and is followed by a long horizontal line extending to the right.