

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC TARIFF FILING OF EAST)	
KENTUCKY POWER COOPERATIVE, INC. TO)	CASE NO.
IMPLEMENT A RESIDENTIAL ELECTRIC)	2022-00439
VEHICLE OFF-PEAK CHARGING PILOT)	
PROGRAM)	

COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION
TO EAST KENTUCKY POWER COOPERATIVE, INC.

East Kentucky Power Cooperative, Inc. (EKPC), pursuant to 807 KAR 5:001E, is to file with the Commission an electronic version of the following information. The information requested is due on March 1, 2023. The Commission directs EKPC to the Commission's July 22, 2021 Order in Case No. 2020-00085¹ regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

EKPC shall make timely amendment to any prior response if EKPC obtains information that indicates the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which EKPC fails or refuses to furnish all or part of the requested information, EKPC shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied and scanned material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, EKPC shall, in accordance with 807 KAR 5:001E, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to EKPC's Cover Letter, pages 1-2.
 - a. Explain the cost-differential from EKPC installing a second meter and hiring a third-party vehicle data provider.
 - b. Provide examples of similar Electric Vehicle (EV) off-peak charging tariffs (within Kentucky or other jurisdictions) that operate similarly to this proposed pilot.
 - c. Provide the Request for Proposal (RFP) for a third-party data provider as well as the five companies who submitted proposals in response to EKPC's RFP.

d. State whether any of the five companies who submitted proposals currently provide this type of service to other utilities. If so, highlight these providers. Describe the type of research meters EKPC plans to install to verify the accuracy of the third-party data collection. Include how and where this equipment will be installed at the participants' residence.

e. Describe how EKPC will select the 10 percent–12 percent of participants to install the research meters.

2. Refer to the application in which EKPC states that it created an ad-hoc group to research and develop the proposed program. State whether this group consider any alternatives to this pilot program. If so, describe the alternatives considered and the reasoning why those options were not the best option.

3. Refer to the Charge Kentucky Presentation, page 3.

a. Provide the estimated per unit cost for a Utility-controlled charger.

b. The presentation states that Utility-controlled chargers are not popular with EV owners. Describe the foundation of this statement and provide any supporting documentation for this assertion.

4. Refer to the Charge Kentucky Presentation, page 5, stating that the pilot “avoids a 2nd meter—no one wants a second meter.”

a. Describe the foundation of this statement and provide any supporting documentation for this assertion.

b. Describe the difference, if any, between installing a second meter versus installing a utility-controlled charger.

5. Refer to the Charge Kentucky Presentation, page 6.

a. EKPC is proposing this as a Pilot Program with a limited participation of 500 EV's. Explain how EKPC established this limit and provide all documentation demonstrating that owner-members can achieve this number of participants.

b. State whether the pilot program will provide the information needed to assess its success if EKPC does not achieve 500 participants. Explain each basis for EKPC's response.

c. Explain which owner-members would have the highest participation count and would benefit the most from this program.

d. Explain how EKPC calculated a \$0.02 incentive per kWh charged off peak. Provide all justification that supports this incentive calculation.

e. Provide the approximate billing impact that the \$0.02 per kWh incentive would have on an EKPC EV customer who participates in this program.

f. Provide the projected program costs.

6. Refer to Charge Kentucky Presentation, page 8. The presentation states that EKPC will "gauge impact of incentive levels, etc. (survey participants)." Explain EKPC's plan for surveying participants and how it will use this information to assess the pilot's success.

7. Refer to Charge Kentucky Presentation, page 9. Explain the advertising plan proposed to communicate this program to EV owners.

8. Refer to the Cost-Benefit Analysis.

a. Provide all worksheets in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

b. Provide justification on how EKPC derived an \$811 administrative cost for the Total Resource Cost when it stated a \$100 administrative cost.

c. Provide the avoided energy and capacity values used to determine the cost-effectiveness of the program.

d. Explain why EKPC assumed a ten-year analysis for the cost benefit analysis considering this pilot program is only proposed for three years.



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DATED FEB 09 2023

cc: Parties of Record

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