

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF DUKE ENERGY	)	
KENTUCKY, INC. FOR AN ADJUSTMENT TO	)	CASE NO.
RIDER NM II RATES AND FOR TARIFF	)	2025-00258
APPROVAL	)	

COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
TO DUKE KENTUCKY, INC

Duke Energy Kentucky, Inc. (Duke Kentucky), pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on November 24, 2025. The Commission directs Duke Kentucky 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.

Duke Kentucky shall make timely amendment to any prior response if Duke Kentucky obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which Duke Kentucky fails or refuses to furnish all or part of the requested information, Duke Kentucky 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, Duke Kentucky shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to Duke Kentucky's response to Commission Staff's Second Request for Information (Staff's Second Request) Item 6, Attachment BLS-2 Excel File and the provided PV Watts data. Calculate and provide the percent of solar nameplate capacity being generated in each hour of the year.

2. Refer to the Direct Testimony of Bruce L. Sailors (Sailors Direct Testimony), page 11. Explain the process to calculate a Transmission and Distribution capacity credit

based on an average of the solar capacity factor across a certain number of peak hours for the transmission and distribution system and provide the credit value.

3. Refer to the Application, Sailors Direct Testimony. Rather than using a 25-year forecast and discounting that back to present value, calculate a Net-Metering II rate based on the next two years of nominal avoided energy and avoided capacity values.

4. Refer to the Application, the Direct Testimony of Dominic Melillo (Melillo Direct Testimony), Attachment NJM-1. Provide the source, input components and calculations, in executable format with formulas intact, to the Transmission and Distribution Real Levelized Fixed Charge rate presented on the tab "Carrying Charge."

5. Refer to the Application, Melillo Direct Testimony, Attachment NJM-1.

a. Explain the reasoning for multiplying the incremental cost of transmission and distribution capacity by a fixed charge rate, as shown on the tabs "Trans Capital" and "Dist. Capital" of Attachment NJM-1.

b. Explain how the use of the fixed charge rate result in a component of the Net-Metering-2 rate that represents the actual transmission and distribution costs avoided.

c. Explain why the average incremental cost of distribution capacity of \$687.06/kW of distribution capacity more than ten times is the average incremental cost of transmission capacity of \$58.74/kW, as shown in the "Trans Capital" and "Dist. Capital" tabs in Attachment NJM-1.

6. Refer to Duke Kentucky's response to Staff's Second Request for Information, Item 5, Staff-DR02-005(b)_Attachment.

a. Confirm that the pivot table field list on tab "Summary" shows a total of 17 fields, and yet the source data that pivot table is referencing on cells B6:Q3214 of tab "Capital AvB" includes only 16 columns.

b. If confirmed, provide a version of the source data that includes the field "Project Class PRD2."

c. If not confirmed, explain the discrepancy.



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Public Service Commission
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DATED NOV 06 2025

cc: Parties of Record

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