

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 RATES AND FOR TARIFF )	2023-00413
APPROVAL )	

COMMISSION STAFF'S FOURTH REQUEST FOR INFORMATION  
TO DUKE ENERGY 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 April 10, 2024. The Commission directs Duke Kentucky to the Commission's July 22, 2021 Order in Case No. 2020-00085<sup>1</sup> 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

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<sup>1</sup> 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 the Direct Testimony of Bruce Sailors, page 14, lines 1–10.
  - a. Explain which types, in terms of MW impact, of inverters are currently being installed with customers in Duke Kentucky's territory.
  - b. Explain whether Duke Kentucky takes into account energy output from behind the meter solar generation in its day ahead forecast.

c. If a customer were to install a different inverter with a larger capacity, explain whether they would remain on NM-1 or immediately be enrolled in NM-2.

2. Provide the name and title of each employee involved in drafting and composing the material terms of the proposed NM-2 Tariff.

3. Provide a breakdown of the approval process for an application for service under NM-1 Tariff. Include each phase and the expected time of the application process.

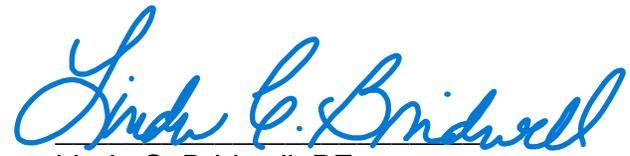
4. For each net metering interconnection application received during calendar year 2023, provide the number of days between receipt of the application and interconnection.

5. For each pending application for service under NM-1, provide the status of each application. Include the initial application acceptance date, the stage in the process, and the length of time application has been pending in that stage.

6. Provide a detailed description for how Duke Kentucky accounts for customers participating in service under NM-1 Tariff in its utility planning.

7. If a customer opts-out of automated meter read under Rider AMO, list each category and subcategory of information that can be downloaded manually from that module.

8. Refer to Duke Kentucky's 2021 Integrated Resource Plan (IRP), Table H.3 Load and Resources, page 169. Provide an updated table in similar format from 2024-2035. Include in the response any known capacity additions that would increase load, any known loss of load, the Installed Capacity and Unforced Capacity, or changes in Duke Kentucky's forecasting methodology that was used in the IRP.



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DATED MAR 28 2024

cc: Parties of Record

Case No. 2023-00413

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