COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF DUKE ENERGY KENTUCKY, INC. FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY AUTHORIZING THE CONSTRUCTION OF A GAS PIPELINE EXTENSION IN INDEPENDENCE, KENTUCKY	))))))	CASE NO. 2026-00112

COMMISSION STAFF'S THIRD 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 December 11, 2026. The Commission directs Duke Kentucky to the Commission's July 22, 2021 Order in Case No. 2020-00085[1] 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

[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).

person supervising the preparation of the response on behalf of the entity that the 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 (filed Oct. 15, 2026) (Staff's Second Request), Item 1.

a. Provide the design-day load, in Dth/day, assigned in the Synergi model to the customers and delivery stations served from UL07 and UL45, for the base case shown in the chart in the response to Staff's Second Request, Item 1(b).

b. State the annual load growth rate assumed for the UL07/UL45 area in deriving the 5-year and 10-year outage estimates in the response to Staff's Second Request, Item 1(f), and explain its basis.

c. Provide the number of new service connections, and the associated load, added in the area served by UL07 and UL45 for each year from 2021 to the present, and any known pending large-load requests.

d. Provide the design-day temperature, or heating degree days, used in the Synergi model runs.

2. Refer to the chart provided in response to Staff's Second Request, Item 1(b).

a. State whether industrial customers served by UL07/UL45 take firm or interruptible service.

b. If any of these industrial customers take interruptible service, state whether the chart takes interruptible service into account. If not, provide the same chart taking interruptible service into account.

3. Refer to Duke Kentucky's response to Staff's Second Request, Item 1(b) regarding reconfiguration of "distribution system feed arrangements to reduce reliance on UL45 as a supply source."

a. Explain how the distribution system feed arrangements will be reconfigured.

b. State what operational limits make the reconfiguration unsustainable, and identify the point at which the Synergi model shows growing demand actually reaching that limit, stated as a year, a load level, or a temperature.

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Executive Director
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DATED NOV 18 2026

cc: Parties of Record

Service List for Case 2026-00112

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