

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN ELECTRONIC EXAMINATION OF THE)
APPLICATION OF THE FUEL ADJUSTMENT) CASE NO.
CLAUSE OF DUKE ENERGY KENTUCKY, INC.) 2025-00342
FROM NOVEMBER 1, 2022 THROUGH)
OCTOBER 31, 2024.)

COMMISSION STAFF'S SECOND 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 February 20, 2026. 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 the Direct Testimony of James J. McClay, (McClay Direct Testimony), page 4, lines 4-7. Discuss the long-term outlook for U.S. natural gas supplies and the natural gas industry's ability to meet rising demand beyond 2028.

2. Refer to the McClay Direct Testimony, page 4, lines 18-19. Explain the timing of actively soliciting bids from gas suppliers for intra-day dispatch from when PJM

notifies Duke Kentucky that one or more combustion turbines need to ramp up such that additional gas will need to be acquired in the intra-day market.

3. Refer to the McClay Direct Testimony, page 11, lines 11-14. Explain whether the \$887,000 in capacity performance credits were passed back to ratepayers through the Fuel Adjustment Clause (FAC) and if so, identify where the credits were included in the FAC filing.

4. Refer to the Direct Testimony of John D. Swez (Swez Direct Testimony), page 6, footnote 1. Explain why PJM Interconnection, LLC (PJM) is eliminating payments for reactive power within the standard power factor range and how PJM will mitigate the need for reactive power.

5. Refer to the Swez Direct Testimony, page 8, lines 9-11, and page 11, lines 14-17. Explain why it makes a difference, and how performance risk is minimized, when East Bend is committed as “must run” as opposed to “economic” for December, January, and February.

6. Refer to the Direct Testimony of Kimberly Hughes (Hughes Direct Testimony), page 4, lines 14-21.

a. Describe the ranges of the of the historic weather and commodity price data used in the model. Include in the response whether the weather data was taken from local area weather stations.

b. Does Duke agree with the premise that there has been an apparent increase in severe and frequent weather events? If so, explain whether the model places more weight upon data derived from more recent weather events.

7. Refer to the Direct Testimony of Libbie S. Miller (Miller Direct Testimony), page 4, lines 13-16.

a. Explain whether the 2027 forecast average fuel rate of \$0.41365 \$/kWh is a typo and should read \$0.041365 \$/kWh.

b. Explain the driving factors that resulted in the 2027 average fuel rate increasing from the 2026 average fuel rate.

8. Refer to Duke Kentucky's response to Commission Staff's First Request for Information (Staff's First Request), Item 7.

a. Explain the fuel oil inventory.

b. If PJM requires the Woodsdale units to run and natural gas is not available, explain how long the units can run all other things being equal.

9. Refer to Duke Kentucky's response to Staff's First Request, Item 28, Attachment. Except for the FAC tariff page beginning at page 60 of 61, explain how the submitted redlined tariff pages showing changes in customer class energy charges applies to this proceeding.

10. Refer to Duke Kentucky's response to Staff's First Request, Item 32. Provide an update to the response showing the projected fuel requirements for fuel oil.

11. Refer to Duke Kentucky's response to Staff's First Request, Item 45. Duke Kentucky states that when the forecast energy market price is below a unit's variable costs over an appropriate period, and the unit is "out of the money," the unit may be offered with an Economic commitment status offer. When Duke Kentucky states that the unit is "out of the money," explain whether that means that the unit's variable cost exceeds

the energy market price over the whole 24-hour period. If not, provide a more detailed explanation of how a unit is bid into the energy market in this situation.

A handwritten signature in blue ink that reads "Linda Bridwell RP". The "RP" is written in a smaller, stylized font to the right of "Bridwell".

Linda C. Bridwell, PE
Executive Director
Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601-8294

DATED FEB 06 2026

cc: Parties of Record

*Duke Energy Kentucky, Inc.
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