


VERIFICATION

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Yanthi W. Boutwell, General Manager Transmission Resource & Project Management, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of her knowledge, information and belief.



Yanthi W. Boutwell Affiant

Subscribed and sworn to before me by Yanthi W. Boutwell on this 2nd day of November, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

VERIFICATION

STATE OF OHIO)
)
COUNTY OF HAMILTON) **SS:**

The undersigned, John Hurd, Director of Stakeholder Engagement, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of his knowledge, information and belief.



John Hurd Affiant

Subscribed and sworn to before me by John Hurd on this 15th day of November, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

KyPSC Case No. 2023-00239
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Duke Energy Kentucky
Case No. 2023-00239
STAFF Second Set of Data Requests
Date Received: November 3, 2023

STAFF-DR-02-001

REQUEST:

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

- a. For the existing portions not currently built to 138 kV standards and that would need to be recondored to accommodate the 138 kV standards, other than Reconductoring, explain what anticipated upgrades would be needed for each portion of this line segment.
- b. If it is more expedient to construct the new portion of #15264 at this time, explain why the existing portion of the new line not currently built to 138 kV standards is not being upgraded and recondored to comply with 138 kV standards.

RESPONSE:

- a. Reconductoring is not required to operate this circuit at 138 kV but may be warranted for other reasons. Further evaluations will be conducted prior to additional upgrades being proposed. The minimum upgrades needed to convert this circuit to 138 kV would include rebuilding this section with new taller steel poles and insulators. The new taller poles would be required to maintain adequate spacing for required 138 kV insulation, clearance, and operation.
- b. The section of existing line that comprises the Rebuild portion of The Project has smaller conductor than the remaining section not included in the scope of the current project. The Project as requested, while being operated at 69 kV, will

increase the circuit capacity from 54 MVA to 133 MVA. This increased capacity will meet projected near-term circuit capacity needs. Rebuilding the remaining 3.5 miles portion of the new circuit not included in The Project would significantly increase the cost and time required to complete The Project. Duke Energy Kentucky feels it is prudent to defer this work and expense until system needs require this additional upgrade. In the future, if system capacity needs require this circuit to be further upgraded, rebuilding and reconductoring this section to 138 kV would then increase the capacity up to 300 MVA for the Hebron to Oakbrook circuit.

PERSON RESPONSIBLE: Yanthi Boutwell

**Duke Energy Kentucky
Case No. 2023-00239
STAFF Second Set of Data Requests
Date Received: November 3, 2023**

STAFF-DR-02-002

REQUEST:

Refer to Case No. 2022-00364. Other than the customer notices, identify any information filed by Duke Kentucky in that case that is no longer accurate or no longer pertains to the proposed transmission line project.

RESPONSE:

Duke Energy Kentucky does not have any knowledge of any information in Case No. 2022-00364 that is no longer accurate or no longer pertains to the proposed transmission line project.

PERSON RESPONSIBLE: John Hurd