

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

The Electronic Application of Duke Energy)	
Kentucky, Inc. for a Certificate of Public)	
Convenience and Necessity to Construct A)	Case No. 2024-00158
138-kV Transmission Line And Associated)	
Facilities in Boone County (Hebron to)	
Oakbrook Transmission Line Project))	

Notice of Intent

Pursuant to 807 KAR 5:120, Section 1, KRS 278.020, and all other applicable statutory provisions and regulations, Duke Energy Kentucky, Inc. (Duke Energy Kentucky or the Company) gives notice of its intent to file on or before July 19, 2024 an application seeking a certificate of public convenience and necessity to construct and operate the proposed Hebron to Oakbrook Transmission Line Project (Project) located in Boone County, Kentucky. The Project will involve:

- a) Construction of a 2.1-miles of 138 kilovolt (kV) transmission line; and,
- b) Rebuild a 1.5-mile portion of an existing 69 kV transmission line to 138 kV capacity.

The new transmission line portion will be constructed within a new right-of-way varying in width up to 100 feet. The rebuild portion of the project will utilize existing easements to the extent practical but may require supplemental easements to accommodate the new poles. The new and rebuild sections of the project will be constructed for 138 kV capacity but initially will be operated at 69 kV. There are future plans to rebuild the remaining portions of the circuit to 138 kV capacity.

The new transmission line project will improve reliability in the area and support load growth in the area. Attached is a map showing the general route of the proposed new transmission line and the proposed portion of the existing circuit to be rebuilt.

The business address, telephone number, and electronic mail address for Duke Energy Kentucky is:

Duke Energy Kentucky, Inc.
139 East Fourth Street
Cincinnati, OH 45202
Tel: 513-287-4320
Email: KYfilings@duke-energy.com

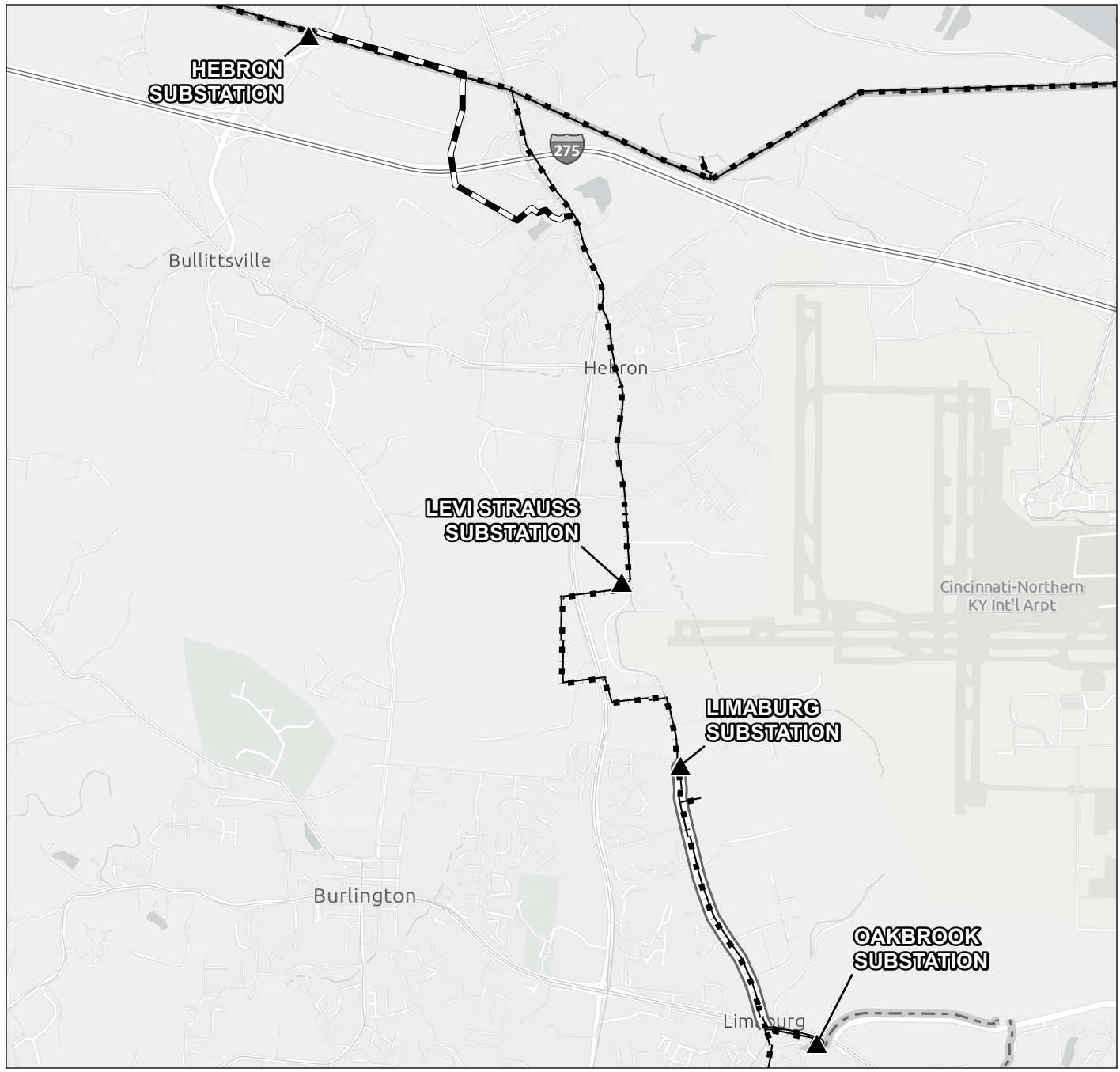
Duke Energy Kentucky is contemporaneously filing its Notice of Election to Use Electronic Filing Procedures for this proceeding.

Respectfully submitted,

/s/Rocco D'Ascenzo

Rocco O. D'Ascenzo (92796)
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Counsel for Duke Energy Kentucky, Inc.



Project
Hebron to Oakbrook 138 kV Transmission Line

Client/Project
 Duke Energy

Project Location
 Boone County, Kentucky

N

0 2,000 4,000 Feet
 (At original document size of 8.5x11)
 1:48,000

- Legend
- ▲ Duke-owned Existing Substation
 - ↔ Proposed Transmission Line Route
 - ↔ Rebuild Section
 - Existing Transmission Lines
 - Operating Voltage
 - ↔ Duke-owned Existing 69 kV Transmission Line
 - ↔ Duke-owned Existing 138 kV Transmission Line

