



Andy Beshear  
Governor

Rebecca W. Goodman  
Secretary  
Energy and Environment Cabinet

Commonwealth of Kentucky  
**Public Service Commission**  
211 Sower Blvd.  
P.O. Box 615  
Frankfort, Kentucky 40602-0615  
Telephone: (502) 564-3940  
psc.ky.gov

Angie Hatton  
Vice Chairman

Mary Pat Regan  
Commissioner

July 26, 2024

## PARTIES OF RECORD

RE: Case No. **2024-00152**

The Commission Staff has reviewed the application in the above case and finds that it meets the minimum filing requirements and has been accepted for filing.

Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further assistance, please contact Brian Thomas at 502-564-3940.

Sincerely,

A handwritten signature in blue ink that reads "Linda C. Bridwell".

Linda C. Bridwell  
Executive Director

**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 Convert its Wet Flue ) Case No. 2024-00152  
Gas Desulfurization System from a Quicklime )  
Reagent Process to a Limestone Reagent Handling )  
System at its East Bend Generating Station and for )  
Approval to Amend its Environmental Compliance )  
Plan for Recovery by Environmental Surcharge )  
Mechanism )

---

**APPLICATION OF DUKE ENERGY KENTUCKY, INC.**

---

Now comes Duke Energy Kentucky, Inc. (Duke Energy Kentucky or the Company), by and through counsel, pursuant to KRS 278.020(1), KRS 278.183, and 807 KAR 5:001 Sections 14 and 15, and hereby respectfully requests the Kentucky Public Service Commission (Commission) to issue an Order approving: (1) a Certificate of Public Convenience and Necessity (CPCN) for the construction and conversion of its existing Wet Flue Gas Desulfurization (WFGD) from a quicklime handling process to a limestone handling process to continue to meet existing environmental regulations (Limestone Conversion Project); (2) amendment of the Company’s Environmental Compliance Plan (ECP) to include the Limestone Conversion Project construction and operation, and reagents; (3) recovery of the Limestone Conversion Project costs through the Company’ Environmental Surcharge Mechanism (ESM); and (4) any other necessary relief and approvals. In support of this Application, Duke Energy Kentucky states as follows:

**Introduction**

1. Duke Energy Kentucky is a Kentucky corporation with its principal office and

\*Debbie Gates  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45201

\*Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45202

\*Larisa Vaysman  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45201

\*Minna Sunderman  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45201

\*Rocco O D'Ascenzo  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45201

\*Sarah Lawler  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45201