

MIDDLE CREEK-PRESTONSBURG TRANSMISSION LINE REBUILD PROJECT

Kentucky Power plans to upgrade the electric transmission line in Floyd County. The Middle Creek-Prestonsburg Transmission Line Rebuild Project involves rebuilding approximately 9 miles of electric transmission line to 69-kilovolt (kV) standards between Middle Creek and Prestonsburg substations to enhance electric reliability for area customers.

WHAT

The project involves:

- Rebuilding approximately 9 miles of electric transmission line to 69-kV standards between Middle Creek and Prestonsburg substations
- Retiring approximately 9 miles of 46-kV electric transmission line following construction
- Acquiring new easements for the safe operation of the power line

The project team is seeking community input on route options to rebuild the transmission line.

The project involves filing an application with Kentucky Public Service Commission (PSC).

WHY

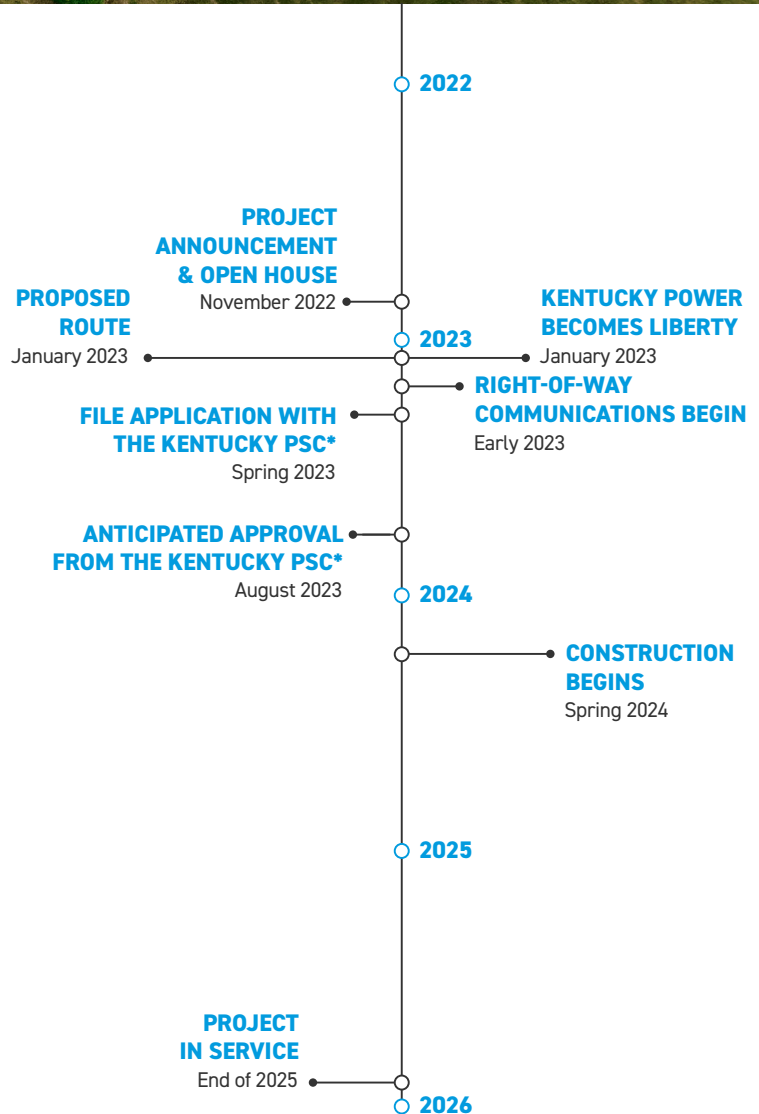
This project allows crews to replace transmission line that dates back to the 1940s. The existing line has experienced multiple power outages in recent years.

The proposed upgrades:

- Strengthen the local electric system
- Increase electric reliability for area customers
- Prepare the electric system for growth in the area by building the line to 69-kV standards
- Allow crews to retire the existing transmission line that is difficult to maintain due to terrain





WHERE

The project begins at the Middle Creek Substation located off Kentucky State Highway 404 in David and continues northeast to the Prestonsburg Substation located on Webb Lane in Prestonsburg.



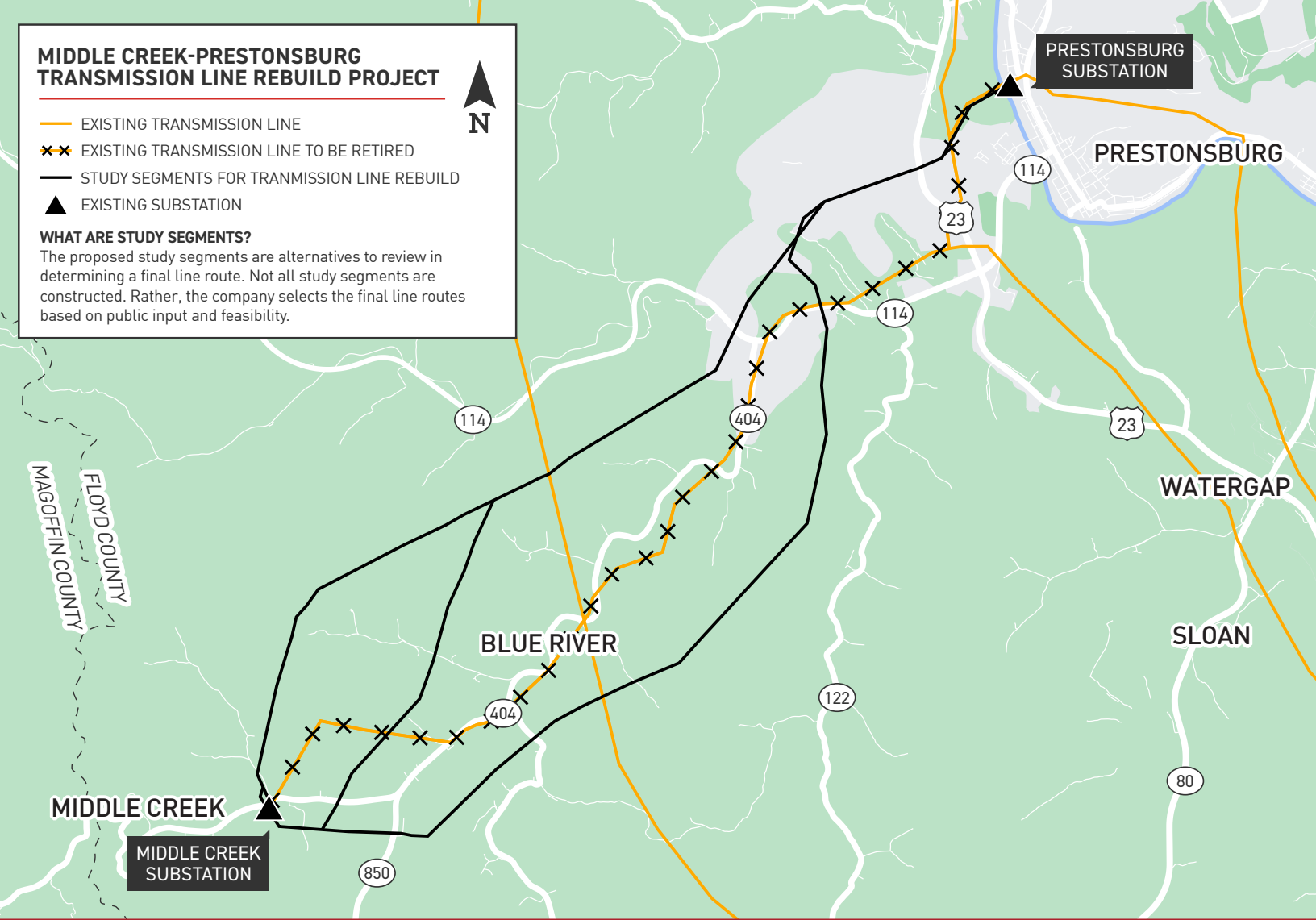
*PSC: Public Service Commission
**Timeline subject to change.

MIDDLE CREEK-PRESTONSBURG TRANSMISSION LINE REBUILD PROJECT

-  EXISTING TRANSMISSION LINE
-  EXISTING TRANSMISSION LINE TO BE RETIRED
-  STUDY SEGMENTS FOR TRANSMISSION LINE REBUILD
-  EXISTING SUBSTATION

WHAT ARE STUDY SEGMENTS?

The proposed study segments are alternatives to review in determining a final line route. Not all study segments are constructed. Rather, the company selects the final line routes based on public input and feasibility.

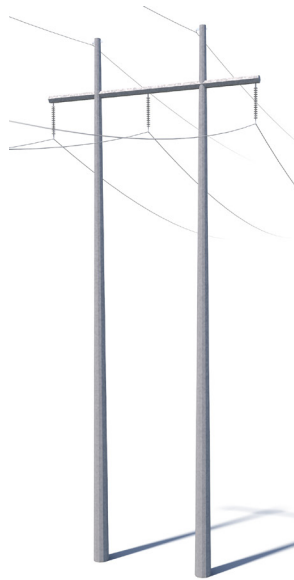


TYPICAL STRUCTURES

Crews plan to install steel H-frame, lattice tower and three-pole structures along the line route.

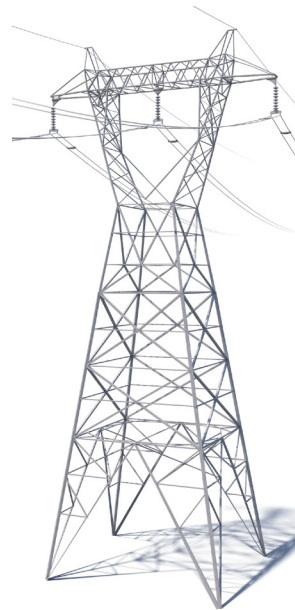
Typical Structure Height: [Approximately 80-100 feet*](#)

Typical Right-of-Way Width: [Approximately 100 feet*](#)

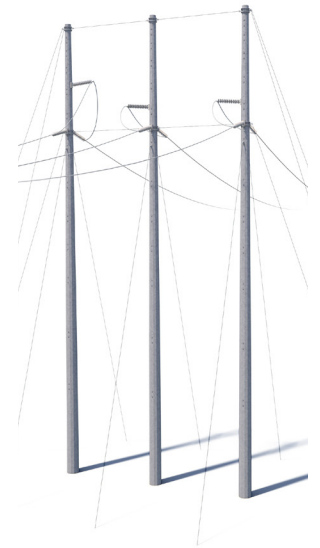


***PRIMARY STRUCTURE TO BE USED**

H-FRAME*



LATTICE TOWER



THREE-POLE STRUCTURES

*Exact structure, height, and right-of-way requirements may vary.

WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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