

KINCAID-PAX BRANCH TRANSMISSION LINE PROJECT

Appalachian Power representatives plan upgrades to the electric transmission system in Kanawha and Fayette counties in West Virginia. The Kincaid-Pax Branch Transmission Line Project involves building about 6 miles of new electric transmission line and rebuilding about 4 miles of electric transmission line. The project also involves upgrades at the Toms Fork Substation and several switch stations in the area. Construction begins in fall 2023 and concludes by the end of 2025.

WHAT

Proposed project plans involve:

- Building about 2 miles of new 138-kilovolt (kV) transmission line
- Building about 4 miles of new 69-kV transmission line to be operated at 46-KV
- Rebuilding about 4 miles of 69-kV transmission line to be operated at 46-KV
- Upgrading equipment at several substations

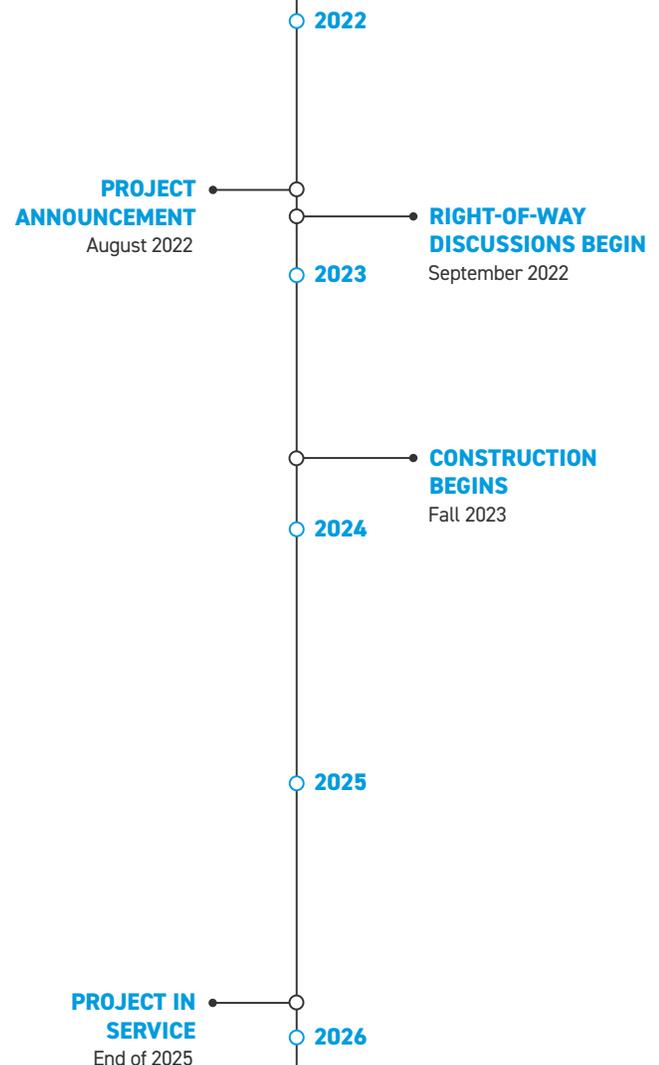
WHY

These power line improvements replace 1940s and 1950s wooden poles with modern steel equipment. The upgrades create a stronger electric grid by reducing system deficiencies and larger, community-sustained outages. Crews plan to retire about 27 miles of existing area transmission line following the power line improvements.

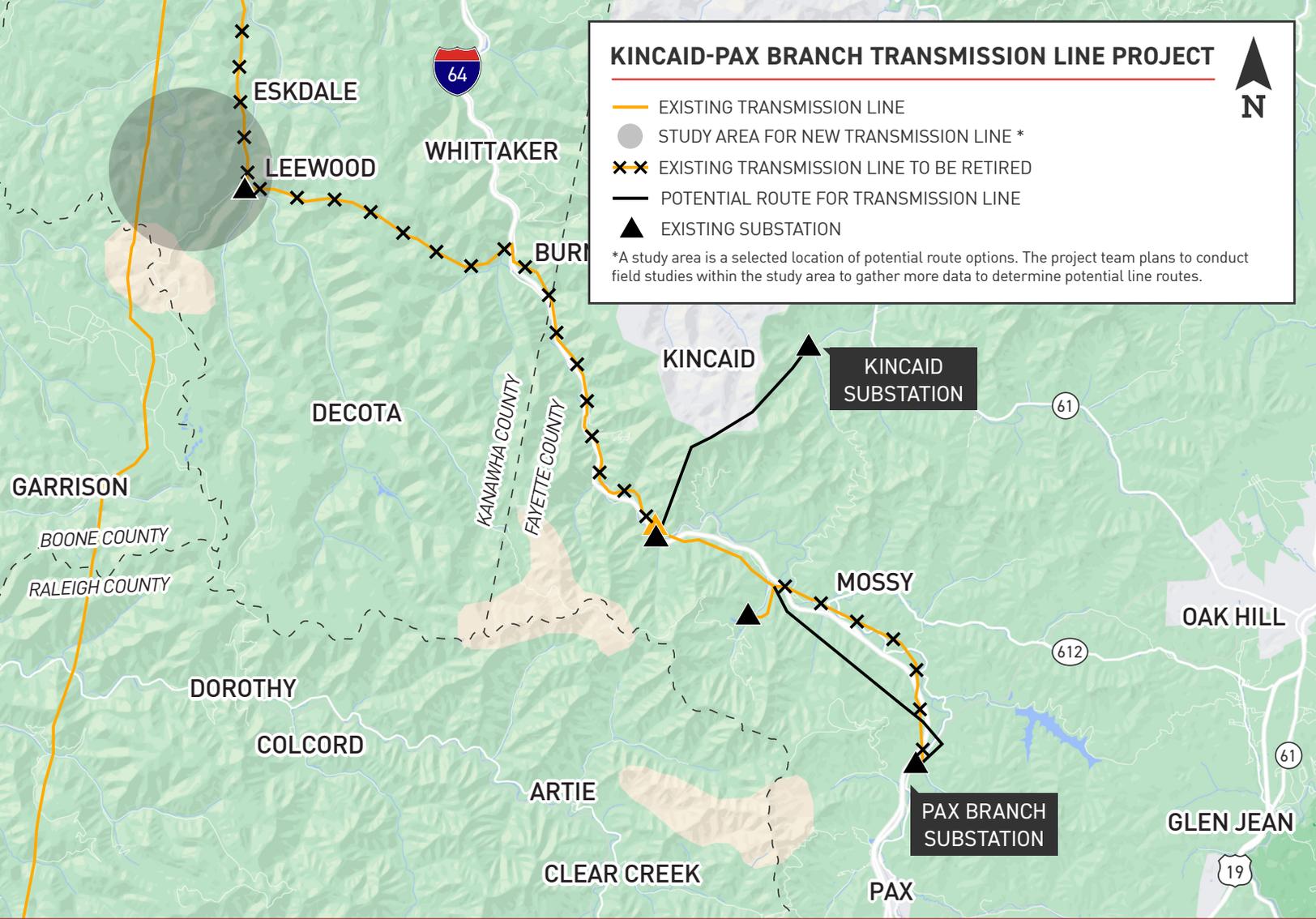
WHERE

The project involves building and rebuilding three separate sections of transmission line in Fayette and Kanawha counties. View the concept map on this fact sheet or the interactive map at

[AppalachianPower.com/Kincaid-PaxBranch](https://www.appalachianpower.com/Kincaid-PaxBranch) for more information.



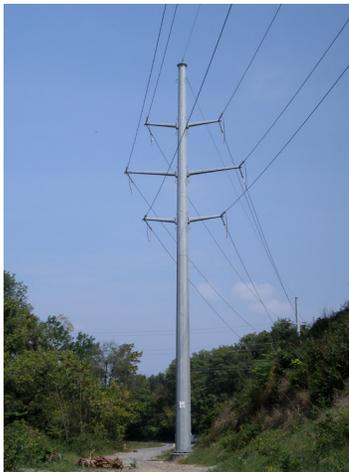
Timeline subject to change.



TYPICAL STRUCTURES

Crews plan to build the lines using primarily V-shaped lattice towers, standard lattice towers and single steel poles.

Approximate Structure Height: 110 feet*
 Approximate Right-of-Way Width: 100 feet*



SINGLE STEEL POLE



V-SHAPED LATTICE TOWER



LATTICE TOWER

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

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