

SOURWOOD-HALES BRANCH TRANSMISSION LINE REBUILD PROJECT

Appalachian Power representatives plan upgrades to the transmission line system in McDowell County, West Virginia and Buchanan County, Virginia. The Sourwood-Hales Branch Transmission Line Rebuild Project involves rebuilding about 11 miles of existing 138-kilovolt (kV) electric transmission line from the Sourwood Substation to the Hales Branch Substation. This project replaces aging equipment and improves electric reliability for area residents. Company representatives expect construction to begin fall 2026 and end in December 2027.

WHAT

Proposed project plans involve:

- Rebuilding about 5 miles of transmission line in McDowell County, WV
- Rebuilding about 6 miles of transmission line in Buchanan County, VA
- Acquiring and/or supplementing existing easements for the safe operation of the power line

This project requires local approval in Virginia and approval by the West Virginia Public Service Commission (PSC).

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

WHY

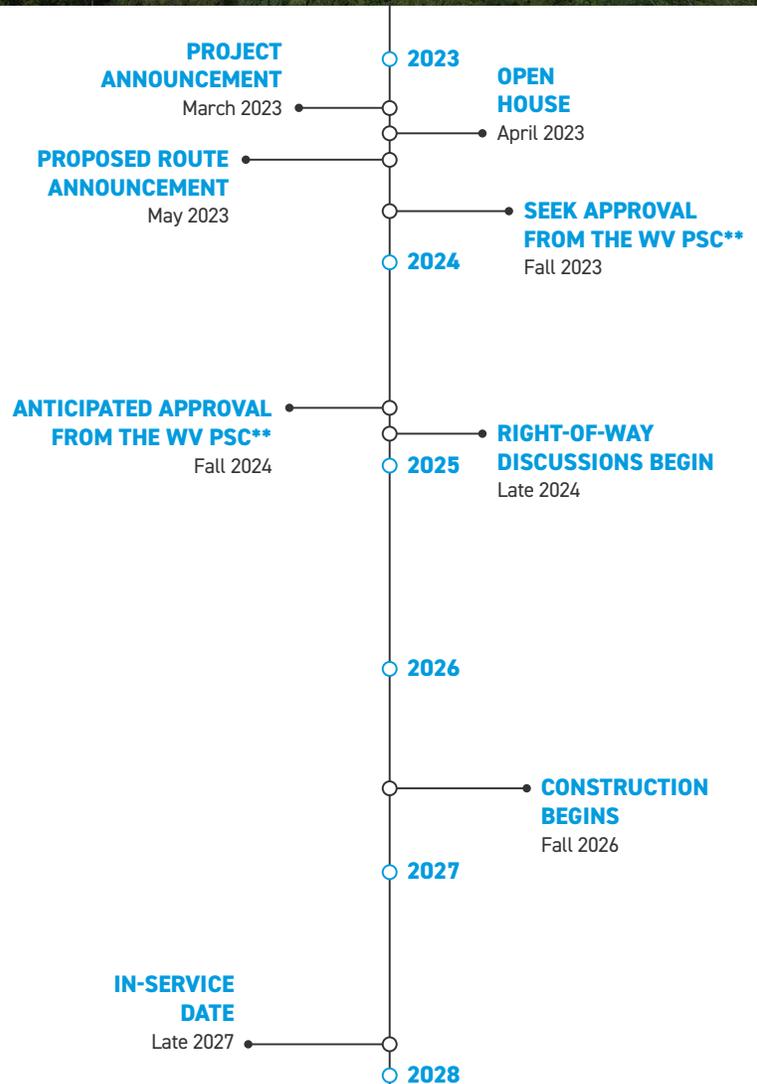
The Project:

- Replaces deteriorating wooden structures from the 1970s with modern steel poles and structures to strengthen the line against weather impacts and improves operational performance.
- Installs shield wire along the power line to protect the line from lightning strikes which can cause outages.
- Reduces the number of community-wide sustained outages and reduces the restoration time if an outage occurs.

This power line has experienced multiple outages since 2015. These improvements are necessary to ensure reliable electric service to customers and maintain safety of the power line and the area's power grid.

WHERE

The project begins at the Sourwood Substation in Iaeger, WV and ends at the Hales Branch Substation in Grundy, VA.



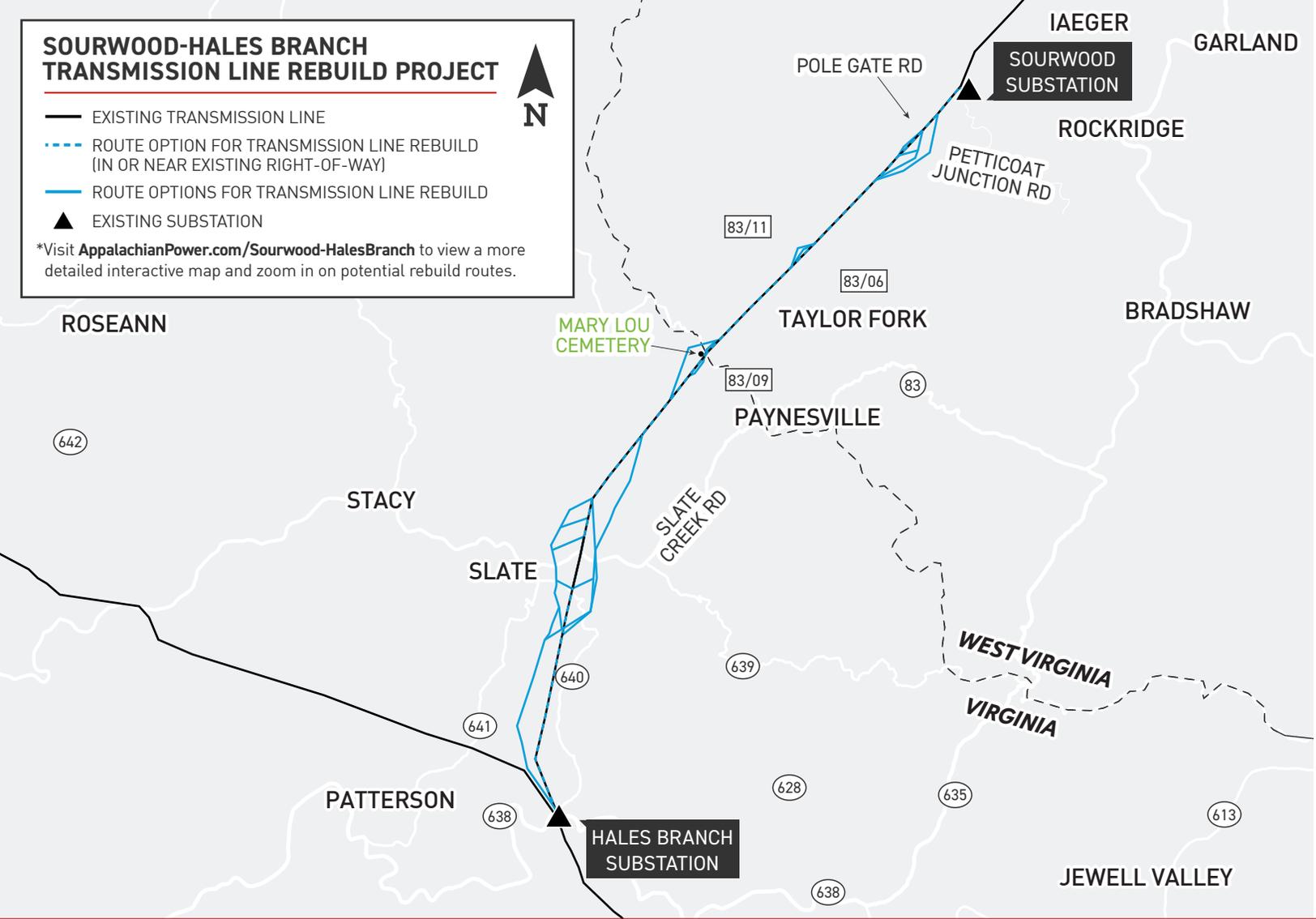
*Timeline subject to change.
** West Virginia Public Service Commission

SOURWOOD-HALES BRANCH TRANSMISSION LINE REBUILD PROJECT



- EXISTING TRANSMISSION LINE
- - - ROUTE OPTION FOR TRANSMISSION LINE REBUILD (IN OR NEAR EXISTING RIGHT-OF-WAY)
- ROUTE OPTIONS FOR TRANSMISSION LINE REBUILD
- ▲ EXISTING SUBSTATION

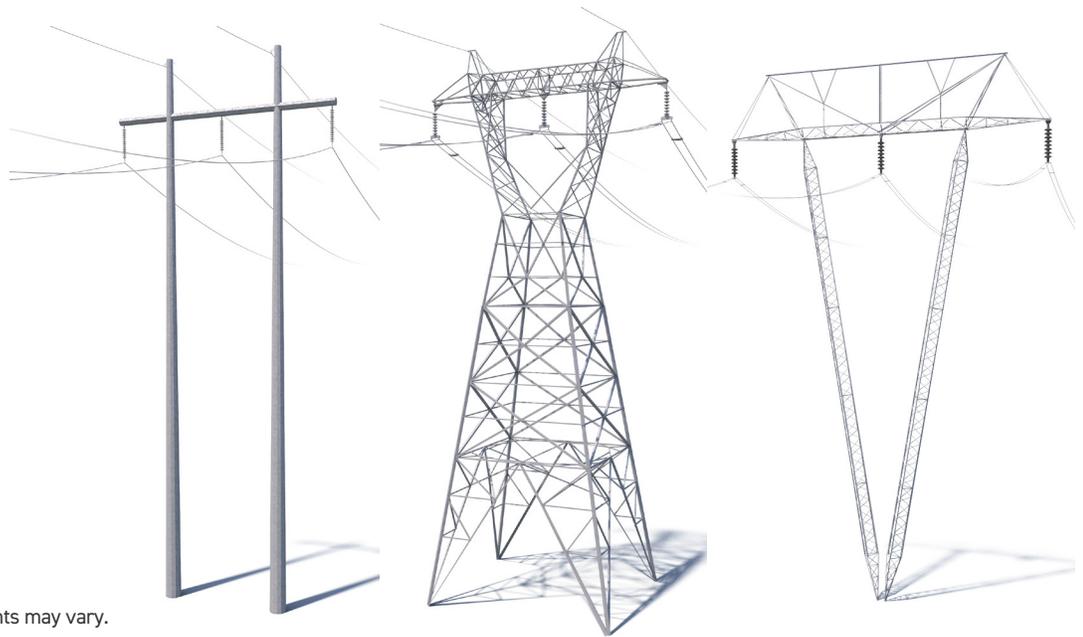
*Visit AppalachianPower.com/Sourwood-HalesBranch to view a more detailed interactive map and zoom in on potential rebuild routes.



TYPICAL STRUCTURES

Crews plan to rebuild the line using primarily steel Guyed-V, H-frames, and lattice towers.

Proposed Structure Height: 80-90 feet
 Proposed Right-of-Way Width: 100 feet



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

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

AMANDA SNAPP DEHAVEN · PROJECT OUTREACH SPECIALIST

ASDEHAVEN@AEP.COM · 833-313-3743

APPALACHIANPOWER.COM/SOURWOOD-HALESBRANCH



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