

Tri-State - East Lynn Transmission Line Rebuild Project

Appalachian Power representatives plan to upgrade the electric transmission grid in Wayne County, West Virginia. Construction is expected to begin spring 2028 and conclude late 2029.

What

The project involves:

- Rebuilding approximately 18 miles of 138-kV transmission line in or near the existing right-of-way.
- Updating easements to meet current safety standards.

Why

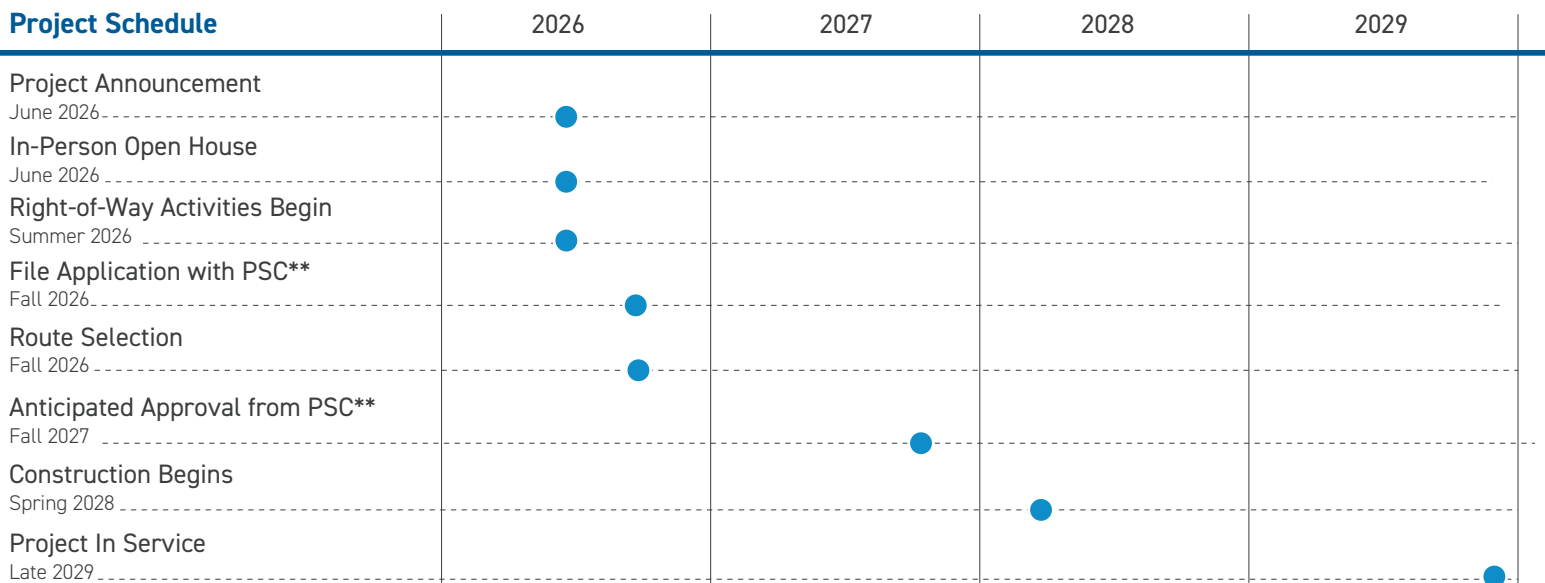
Project benefits include:

- Replacing existing wood poles that have structural concerns, woodpecker damage and are deteriorating.
- Clearing vegetation to prevent damage to the line.
- Improving reliability to customers who have experienced periodic interruptions.
- Installing modern equipment to address open grounding conditions, reduce lightning-related outages and improve safety.

Where

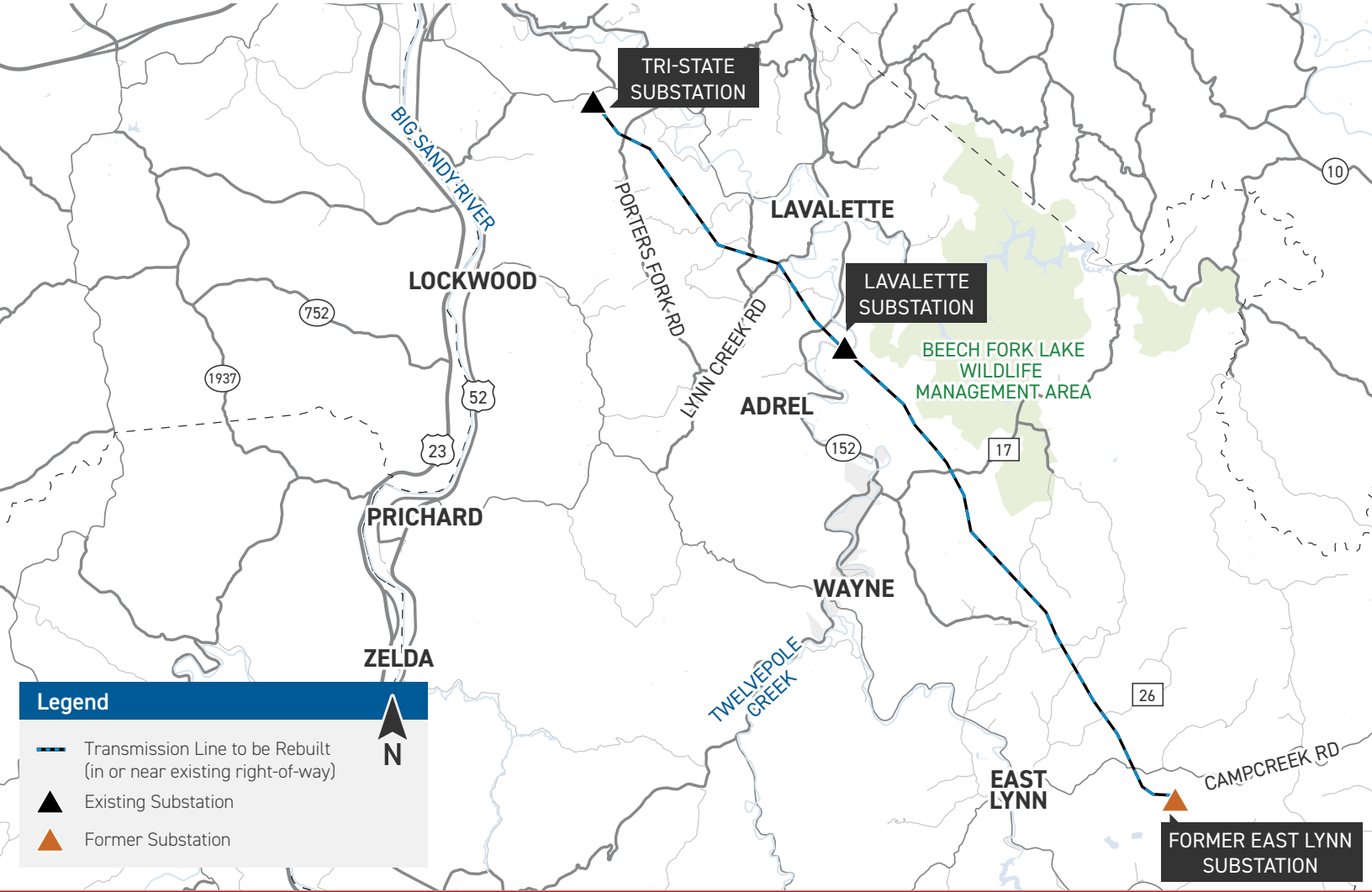
The rebuild begins at Tri-State Substation near Sunset Drive and travels southeast through Lavalette before crossing Twelvepole Creek. It continues through Wayne County, ending at the former East Lynn Substation off Forking Mine Road.

Project Schedule



**Timeline subject to change.*

***The Public Service Commission of West Virginia (PSC) is the regulatory agency overseeing utilities operating in the state.*

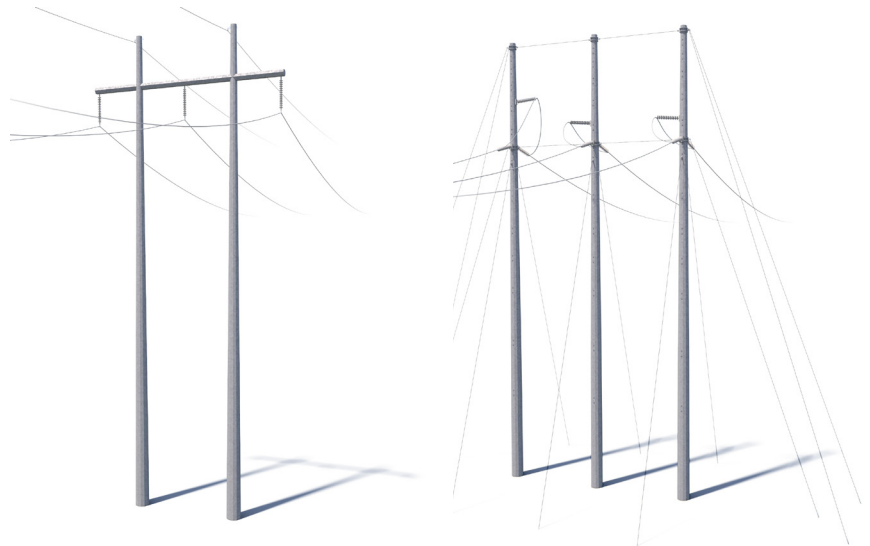


Typical Structures

Crews plan to use primarily steel 3-pole and H-frame structures to rebuild the transmission line. In select locations, crews may use lattice structures.

Existing Structure Height:
Approximately 45 - 75 feet*
Proposed Structure Height:
Approximately 50 - 100 feet*

The line will be rebuilt mostly in the existing right-of-way, while easements are updated to meet current safety standards.



Steel H-Frame

Steel 3-Pole

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



We value your input. Please send comments and questions to:

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