

# LAYLAND - MOLLYS CREEK TRANSMISSION LINE REBUILD PROJECT

Appalachian Power Company representatives plan to upgrade the local power grid in Fayette County, West Virginia. The Layland - Mollys Creek Transmission Line Rebuild Project involves rebuilding approximately 4 miles of 69-kilovolt (kV) electric transmission line and building a new substation. Construction begins in summer 2025 and concludes by summer 2027.

## WHAT

The project involves:

- Rebuilding approximately 4 miles of existing 69-kV transmission line
- Building approximately a half-mile of 138-kV transmission line
- Building the Dun Glen Substation
- Retiring the Claremont Substation
- Retiring approximately 10 miles of 69-kV transmission line

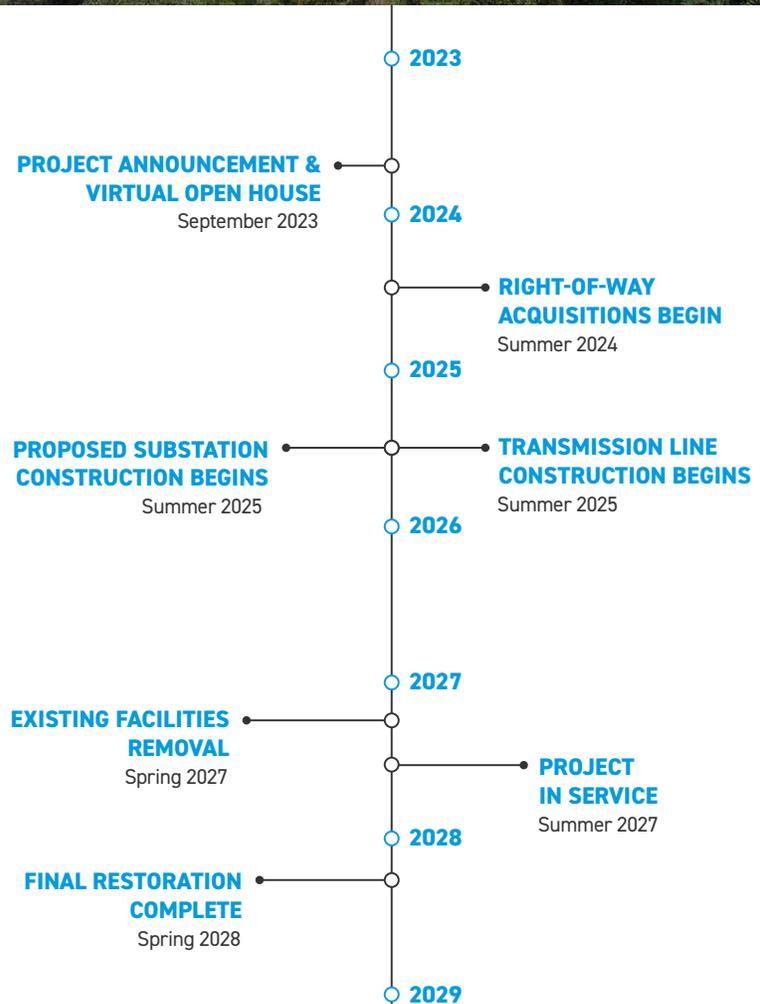
## WHY

The existing power line and substation consists of equipment from the early 1900s. Rebuilding the 69-kV transmission line and building a new substation increases reliability. The upgrades also allow crews to retire aging equipment and reduce the need of frequent equipment maintenance.

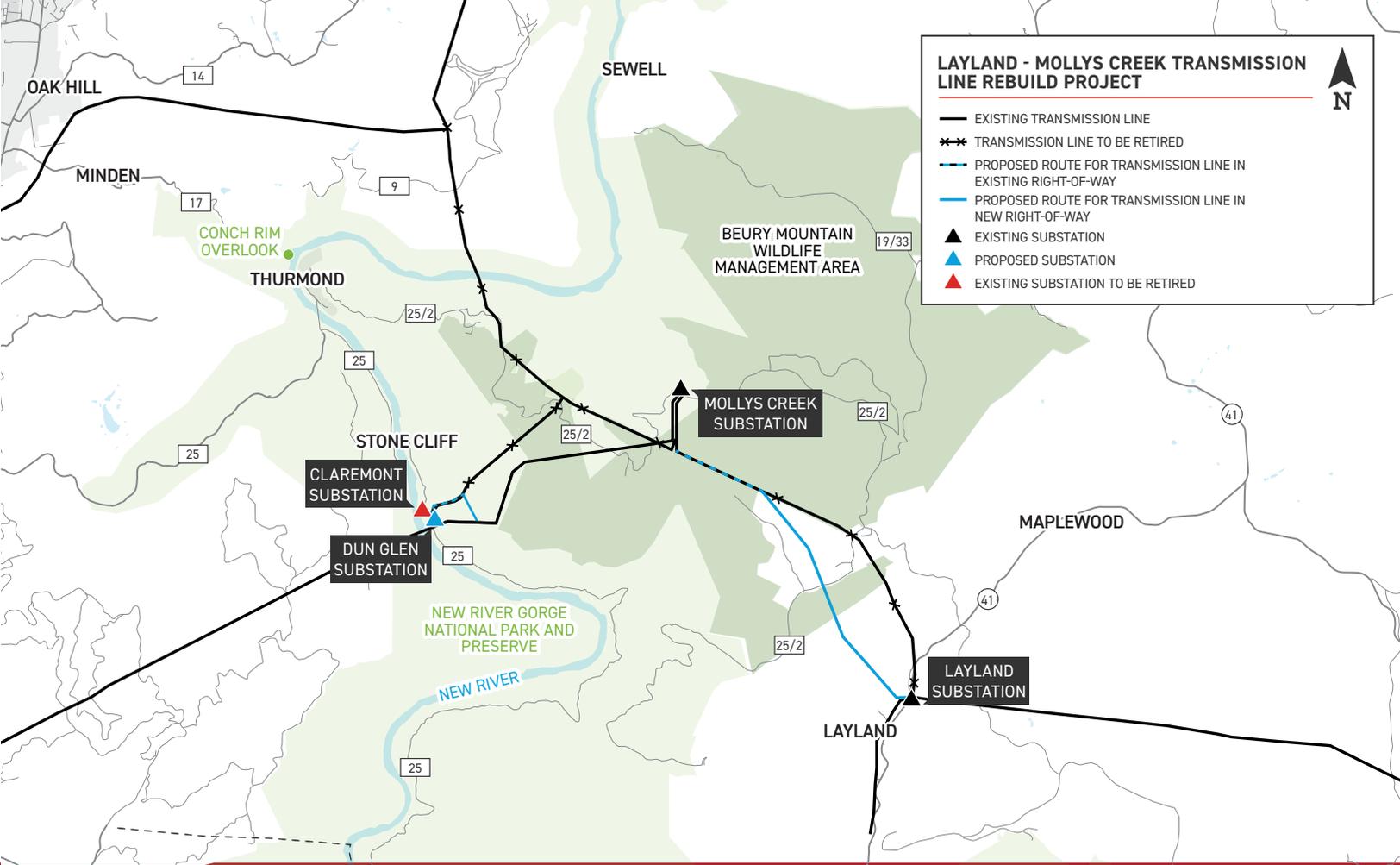
## WHERE

The transmission line rebuild begins at the Layland Substation, located off Stanaford Road. The route options continue northwest for about 4 miles, ending near the existing Mollys Creek Substation on Beury Mountain Road.

Route options for the proposed half-mile-long transmission line begin at an existing transmission line and end at the proposed Dun Glen Substation, located off McKendree Road near Stone Cliff.



Timeline subject to change.



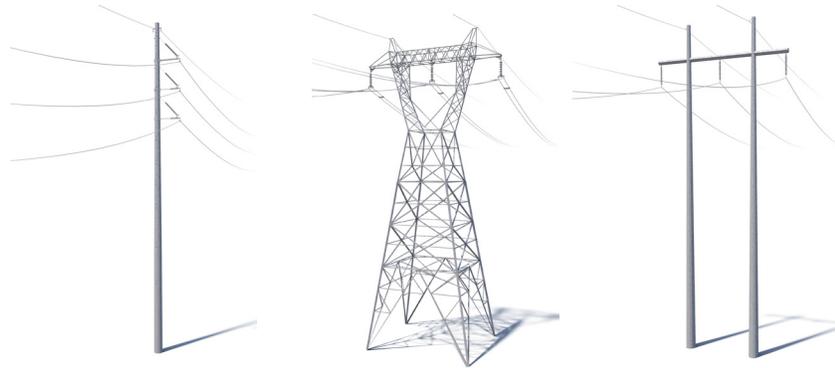
## TYPICAL STRUCTURES

This project involves the use of steel single-poles, H-Frame and lattice steel structures.

Structure Height: **Approximately 85-90 feet\***

Right-of-Way-Width: **Approximately 100 feet\***

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



## TYPICAL SUBSTATION

Substations serve as electrical intersections directing the flow of electricity and either decrease or increase voltage levels for transport. Substations transform 69-kV and 138-kV electricity into lower distribution level voltages such as 34.5-kV, 12-kV, or 7.2-kV.

\*Image does not depict final substation design. Final engineering and construction details are not complete.



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