

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

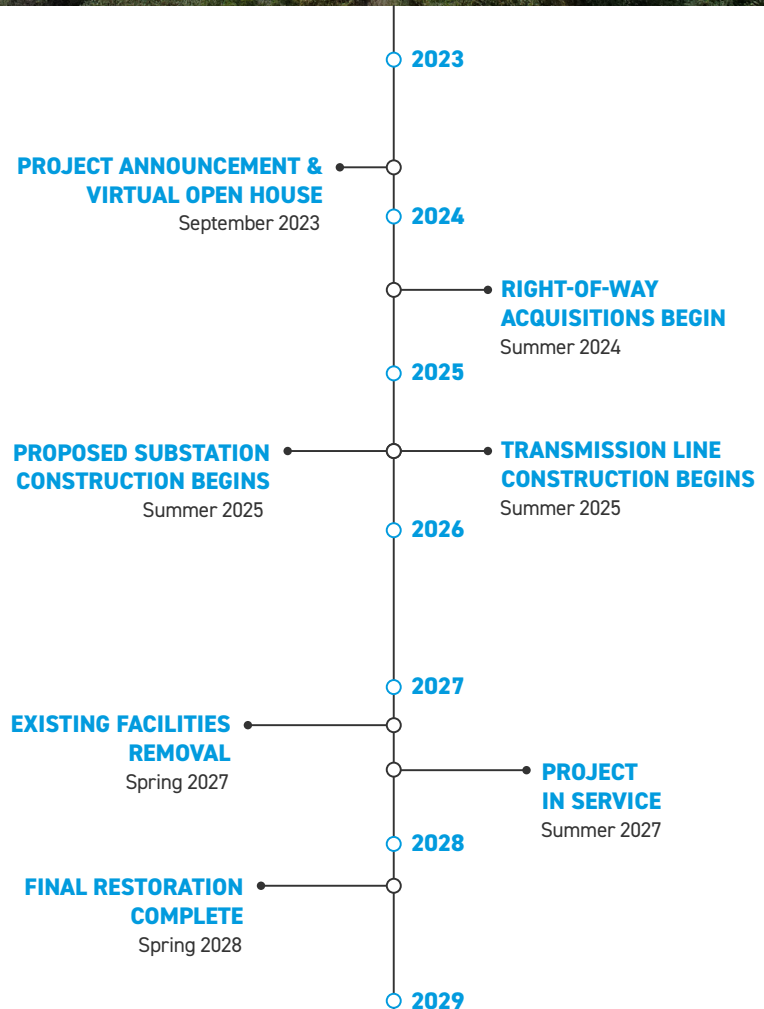
WHY

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.

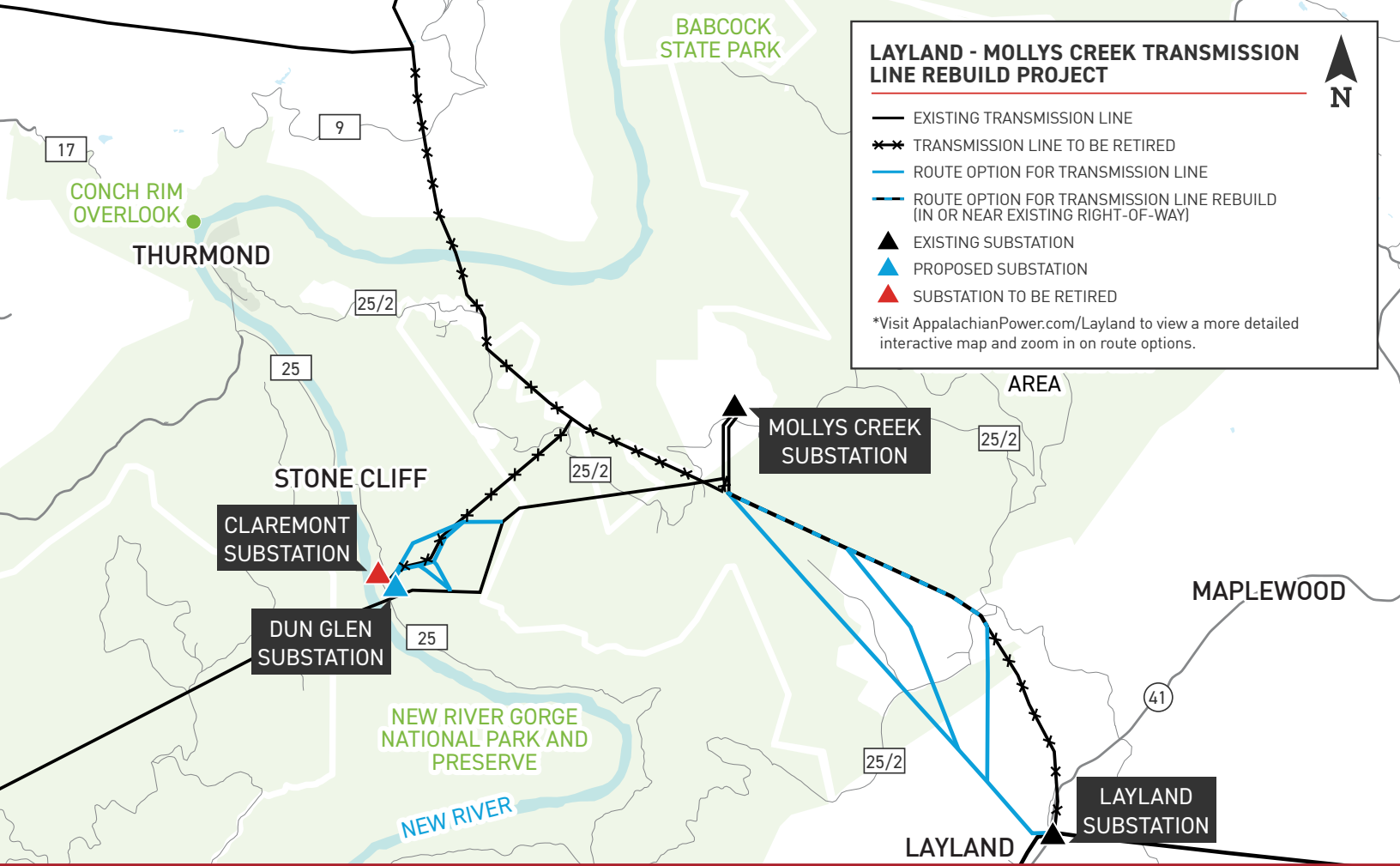
WHERE

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.



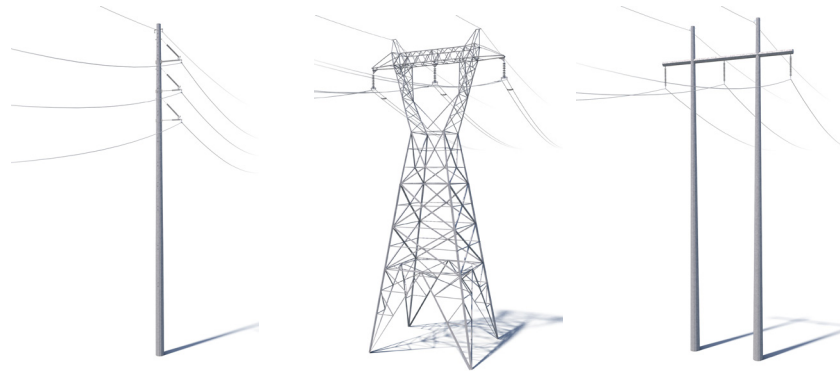
TYPICAL STRUCTURES

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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