



Cabin Creek - Cedar Grove Transmission Line Rebuild Project

Appalachian Power representatives plan to increase electric reliability by upgrading the power grid serving customers in Kanawha County. Company representatives expect construction to begin December 2025 and conclude by spring 2027.

CONSTRUCTION FAQ

PROJECT COMPONENTS & BENEFITS

- Rebuilding approximately 4 miles of 46-kV transmission line. Crews plan to rebuild the line using both existing and new right-of-way
- Received approval from the Public Service Commission of West Virginia

This project:

- Retires aging equipment and infrastructure
- Addresses ongoing customer interruptions

RIGHT-OF-WAY CLEARING

- Forestry crews prepare for transmission line construction by clearing trees and woody-stemmed vegetation from the right-of-way.
- Clearing allows for the safe construction, operation and maintenance of the line and ensures reliable electric service for area customers.
- The North American Electric Reliability Corporation (NERC) set standards that require utilities to establish minimum clearance distances between transmission lines and the nearest vegetation. Non-compliance can lead to significant community-wide power outages.
- When possible and practical, crews use selective clearing practices to retain low-growth shrubs and bushes.

TRAFFIC CONTROL

Appalachian Power representatives work to ensure public safety and minimize inconveniences during construction. Crews plan to:

- Close road lanes as needed
- Use flaggers and signs to aid traffic flow on streets during the day
- Open road lanes at night if safety allows

PUBLIC SAFETY TIPS

- Keep your distance from construction workers and equipment
- Stay outside of temporary safety barriers
- Be aware of uneven or slippery surfaces
- Slow down when driving in the area and make sure your headlights are on
- Watch for posted signs, road closures and traffic detours
- Follow flaggers' instructions

WHAT TO EXPECT DURING CONSTRUCTION

Construction Corridor Development:

Crews mark utilities and pole locations along the power line route.

Crews also:

- Remove fences, trees and other obstructions from the right-of-way area
- Install fences around the construction area for the public's safety
- Remove parts of sidewalks around various pole locations
- Remove soil to make room for the larger bases of the new poles

Structure Installation:

At most pole locations, crews:

- Assemble the new pole and place it near the installation area
- Remove existing wires and other equipment from the existing poles
- Remove the existing poles
- Install and stabilize the base of the new pole
- Install and secure the new pole

Wire Installation:

Crews install new wires on the new steel poles along the power line route.

Facilities Placed In Service:

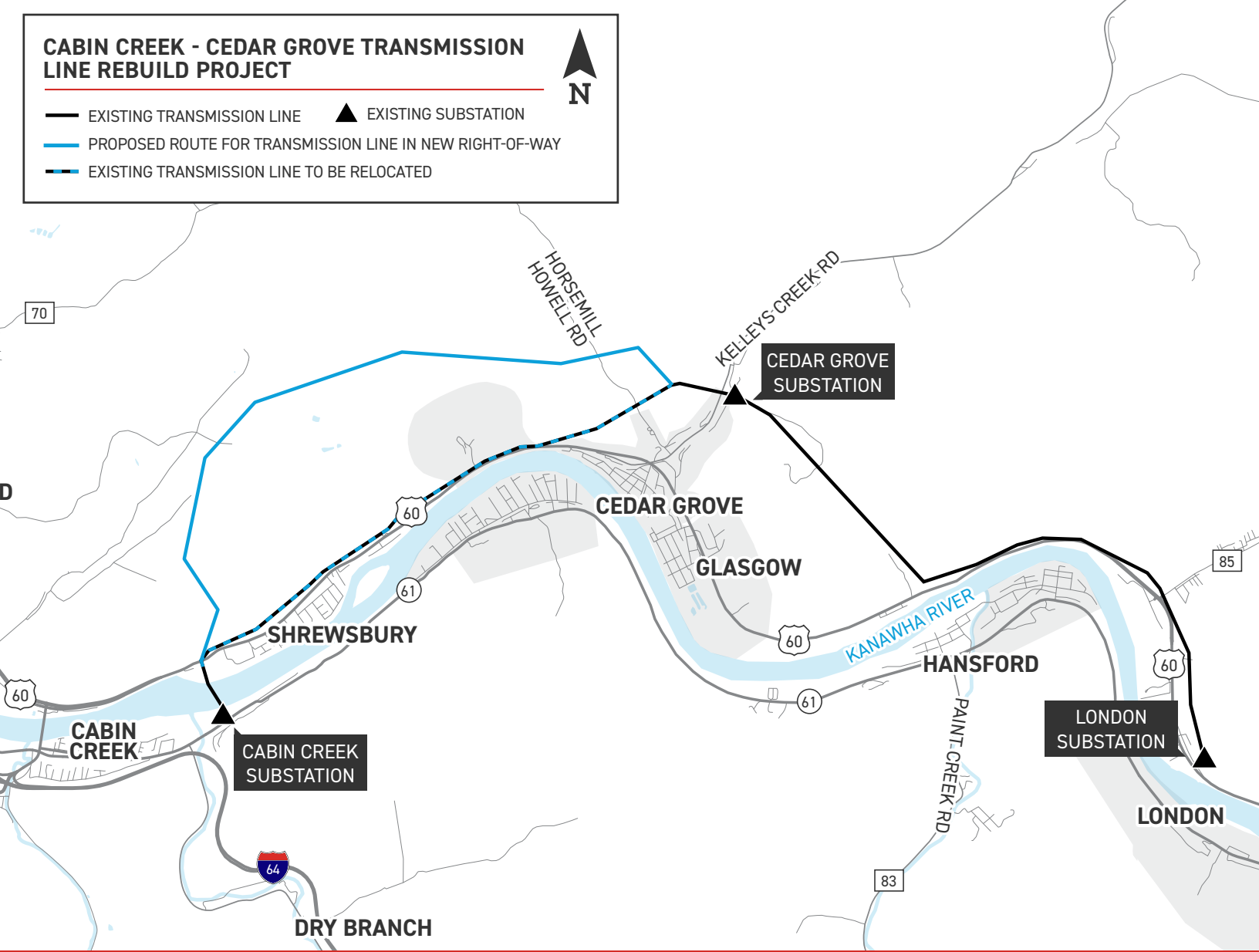
Crews energize the equipment after finishing pole and wire installations.

Post Construction & Site Restoration:

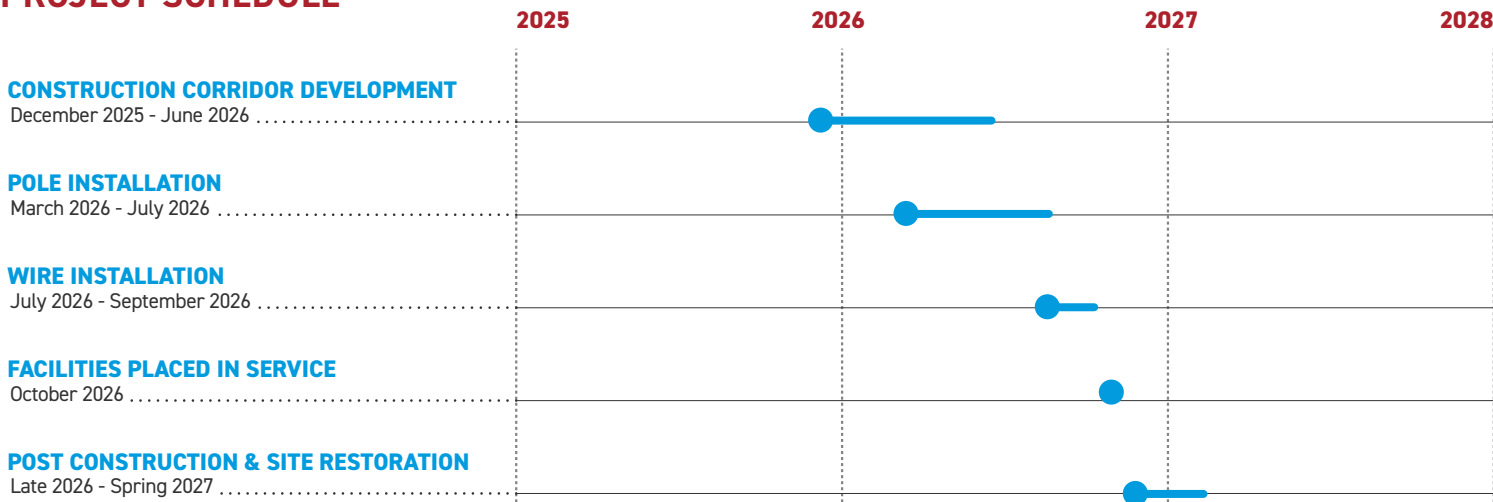
Appalachian Power crews follow construction crews throughout the project to restore sidewalks and other neighborhood properties to as close to their pre-construction condition as possible. Activities include restoring sidewalks, reseeding properties, etc. Right-of-way agents also work with landowners to address any other property damages.

CABIN CREEK - CEDAR GROVE TRANSMISSION
LINE REBUILD PROJECT

- EXISTING TRANSMISSION LINE
- EXISTING SUBSTATION
- PROPOSED ROUTE FOR TRANSMISSION LINE IN NEW RIGHT-OF-WAY
- EXISTING TRANSMISSION LINE TO BE RELOCATED



PROJECT SCHEDULE



*Timeline subject to change.