



KINCAID AREA TRANSMISSION LINE PROJECT

Appalachian Power representatives plan to upgrade the electric transmission grid in Fayette County. The Kincaid Area Transmission Line Project involves building approximately 15 miles of 69-kilovolt (kV) transmission line, building two new substations and upgrading several substations in Fayette County.

CONSTRUCTION FAQ

PROJECT COMPONENTS & BENEFITS

- Building approximately 15 miles of 69-kV transmission line.
- Building two new substations.
- Upgrading several substations in the area.
- Retiring approximately 10 miles of transmission line.
- Upgrading 1910s-era equipment with modern steel structures.
- Reducing power outages and strengthening the local electric system, providing increased electric reliability for area customers.

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

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

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.

WHAT TO EXPECT DURING CONSTRUCTION

Construction Corridor Development: November 2023 - Late 2025

- Crews perform the following activities to prepare for construction:
- 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
 - Build roads to access construction areas

Pole Installation: February 2024 - April 2026

- 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: August 2024 - May 2026

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

Facilities Placed In-Service: Spring 2026

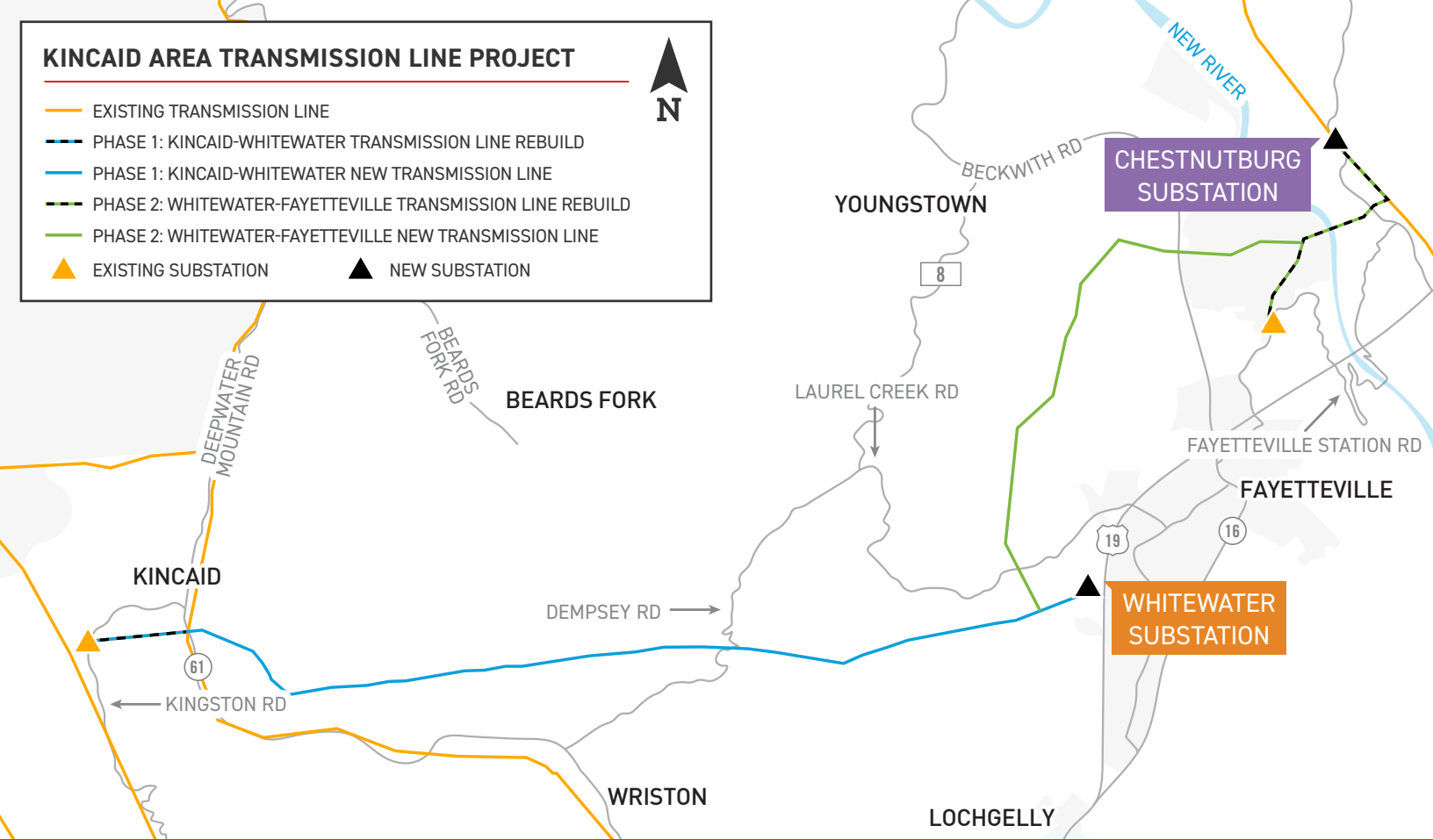
Crews energize the equipment after finishing pole and wire installations.

Post Construction & Site Restoration: Throughout 2026

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.

KINCAID AREA TRANSMISSION LINE PROJECT

- EXISTING TRANSMISSION LINE
- PHASE 1: KINCAID-WHITEWATER TRANSMISSION LINE REBUILD
- PHASE 1: KINCAID-WHITEWATER NEW TRANSMISSION LINE
- PHASE 2: WHITEWATER-FAYETTEVILLE TRANSMISSION LINE REBUILD
- PHASE 2: WHITEWATER-FAYETTEVILLE NEW TRANSMISSION LINE
- ▲ EXISTING SUBSTATION
- ▲ NEW SUBSTATION



CONSTRUCTION PHASE 1: KINCAID-WHITEWATER

Construction Corridor Development

November 2023 - October 2024

Transmission Line Construction

February 2024 - March 2025

In-Service Date

April 2025

Post Construction and Site Restoration

April 2025 - November 2025

CONSTRUCTION PHASE 2: WHITEWATER-FAYETTEVILLE

Construction Corridor Development

November 2023 - December 2024

Transmission Line Construction

July 2024 - May 2025

In-Service Date

June 2025

Post Construction and Site Restoration

June 2025 - November 2025

WHITEWATER SUBSTATION

Substation Construction

April 2024 - March 2025

In-Service Date

April 2025

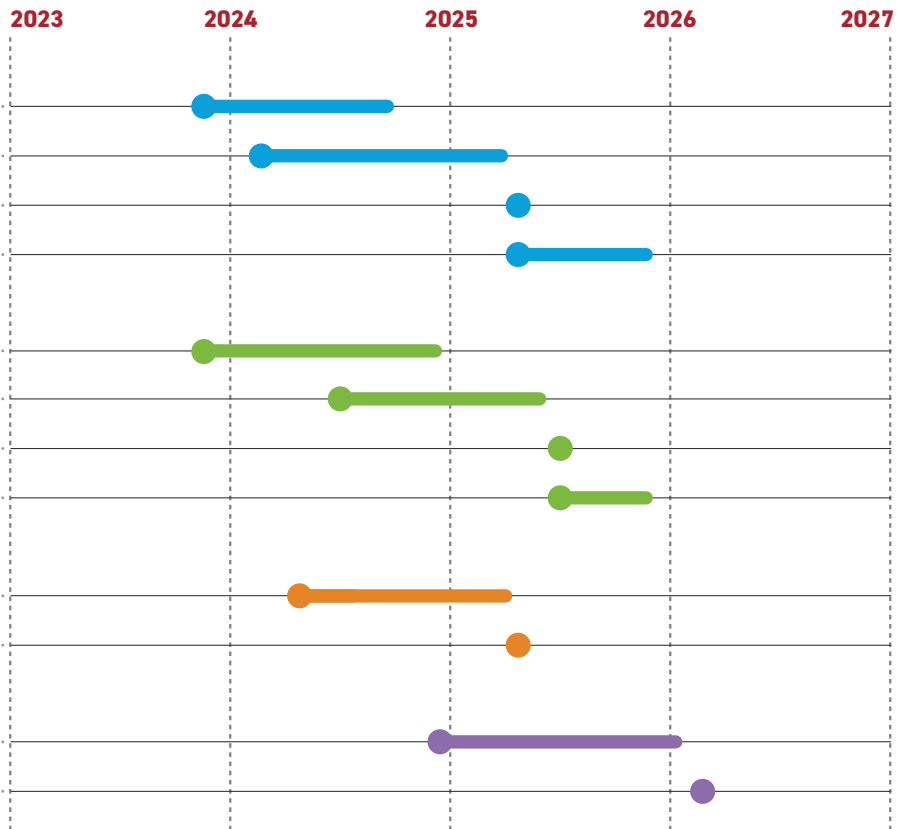
CHESTNUTBURG SUBSTATION

Substation Construction

December 2024 - January 2026

In-Service Date

February 2026



*Timeline subject to change.

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

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