

KENNA AREA TRANSMISSION LINE PROJECT

Appalachian Power representatives plan upgrades to the electric transmission grid in West Virginia. The Kenna Area Transmission Line Project involves building approximately 20 miles of electric transmission line in Jackson and Kanawha counties. Plans also include building a new substation and upgrading two substations in the area. Company representatives expect construction to begin in early 2024.

PROJECT CONSTRUCTION INFORMATION AND TIMELINE: KENNA - RIPLEY PHASE

PROJECT COMPONENTS & BENEFITS

The project includes two phases of transmission line construction:

Kenna - Ripley phase: Constructing about 11 miles of transmission line beginning in January 2024 and concluding November 2024.

Kenna - Sisson phase: Constructing about 9 miles of transmission line beginning in November 2024 and concluding December 2025.

The project also involves building a substation and upgrading two substations.

The upgrades:

- Increase electric reliability for customers
- Strengthen the local power grid by bringing an additional power source to the area
- Reduce the likelihood of power outages

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 control on streets during the day
- Open road lanes at night if safety allows

DAILY CONSTRUCTION SCHEDULE

Construction typically takes place between 7 a.m. and 8 p.m., weather permitting.

SAFETY TIPS

- 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: January 2024 – July 2024*

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
- Build roads to access construction areas

*Crews performed some tree clearing and access road construction in 2022 and 2023 before placing activities on hold.

Pole Installation: March 2024 – September 2024

At most pole locations, crews:

- Assemble the new pole and place it near the installation area
- Install and stabilize the base of the new pole
- Install and secure the new pole

Helicopters may be utilized for flying poles into the right-of-way under safe operating conditions.

Wire Installation: August 2024 – November 2024

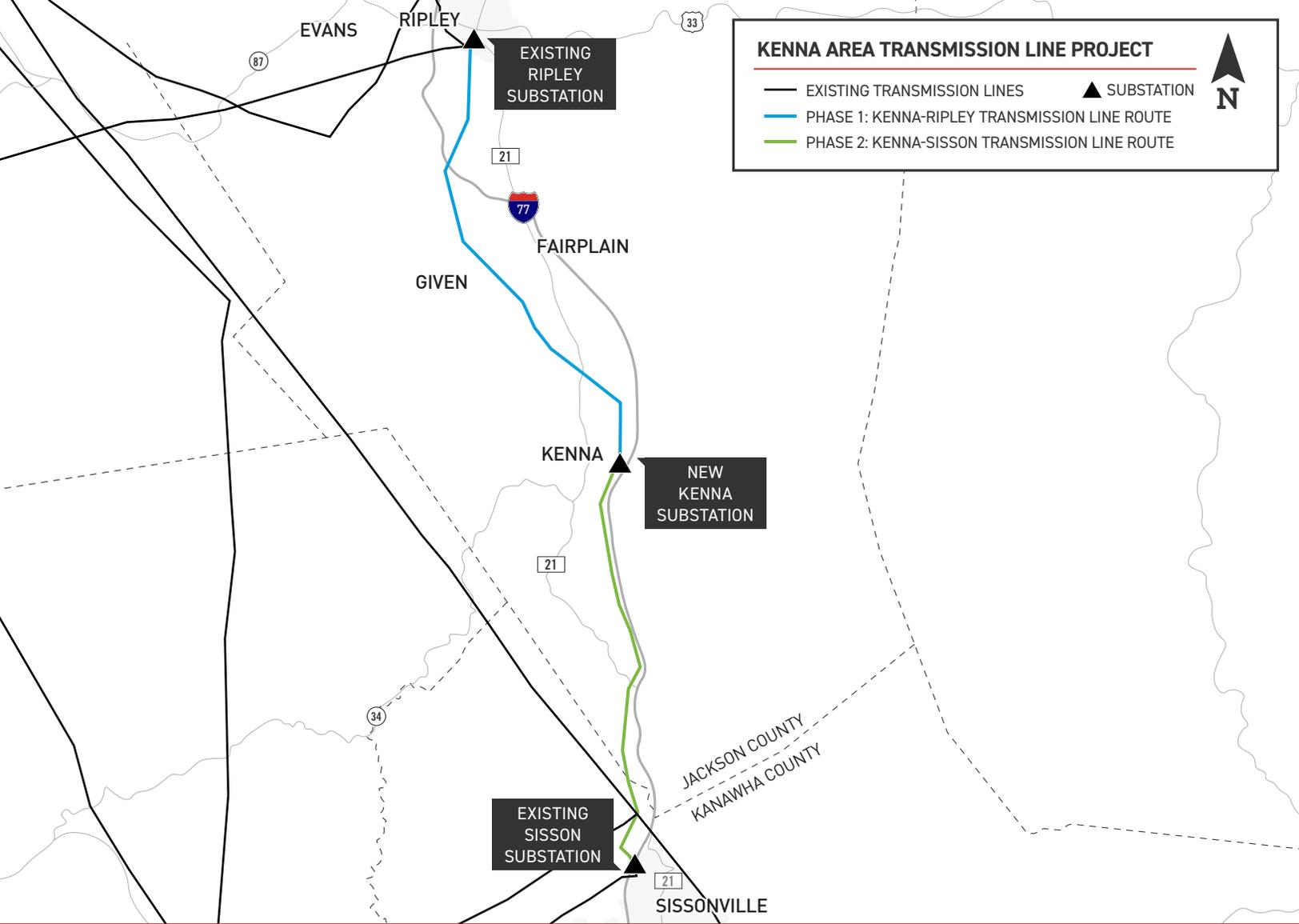
Crews install wires on the new steel poles along the power line route. Helicopters are utilized for flying in ropes needed to pull wire. Crews plan to fly helicopters during daylight hours (depending on the schedule, but usually between 7 a.m. and 6 p.m. or later in the summer). Helicopter operations are dependent on weather and may not take place during inclement/windy conditions. Aircraft may be observed hovering for extended periods of time while waiting to perform work.

Facilities Placed In-Service: November 2024

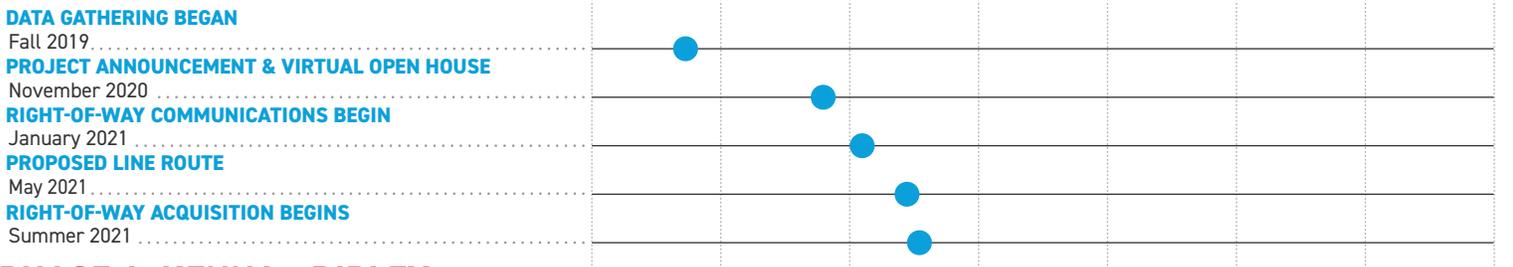
Crews energize the equipment after finishing pole and wire installations.

Post Construction & Site Restoration: Fall 2024 - Fall 2025

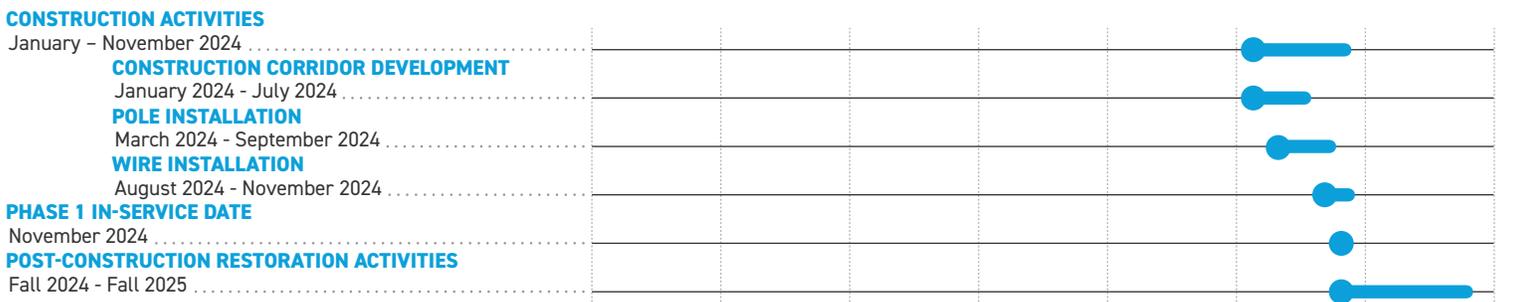
Appalachian Power crews follow construction crews throughout the project to restore sidewalks and other neighborhood properties to as close to their pre-construction condition as possible. Activities include restoring sidewalks, reseeded properties, etc. Right-of-way agents also work with landowners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



PREVIOUS ACTIVITIES



PHASE 1: KENNA - RIPLEY



*Timeline subject to change. *Phase 2 construction timeline to be determined

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