

LAKIN-RACINE

TRANSMISSION LINE REBUILD PROJECT



An AEP Company

BOUNDLESS ENERGY™

Appalachian Power representatives and the utility's affiliate, AEP West Virginia, Transmission Company, plan to increase electric reliability by making upgrades in Mason County, West Virginia and Meigs County, Ohio. The Lakin-Racine Transmission Line Rebuild Project involves rebuilding approximately 13 miles of transmission line and upgrading a substation in the area. Company representatives expect construction to begin this fall and conclude by fall 2022.



WHAT

The project includes:

- Rebuilding approximately 13 miles of transmission line in or near the existing right-of-way.
- Upgrading the Lakin Substation.
- Supplementing the company's existing easements* and/or acquiring new easements.
*Easements are property rights that provide the utility with access needed to safely build, operate and maintain its power lines.
- Replacing existing wooden poles with steel structures.

WHY

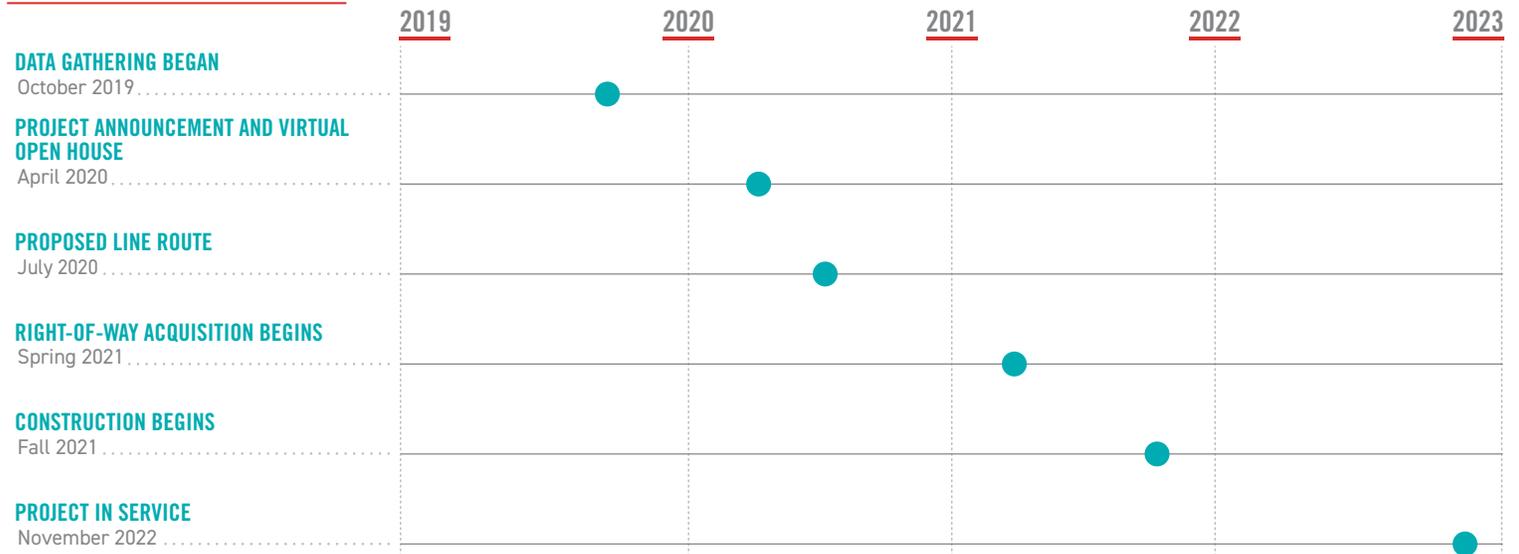
The project is a result of PJM Interconnection's 2022 Winter Analysis. PJM Interconnection serves as the regional transmission organization that monitors the electric grid in 13 states, including West Virginia. The upgrades are expected to increase the power line's performance during periods of high electric demand. The improvements also replace aging equipment and strengthen the grid.

WHERE

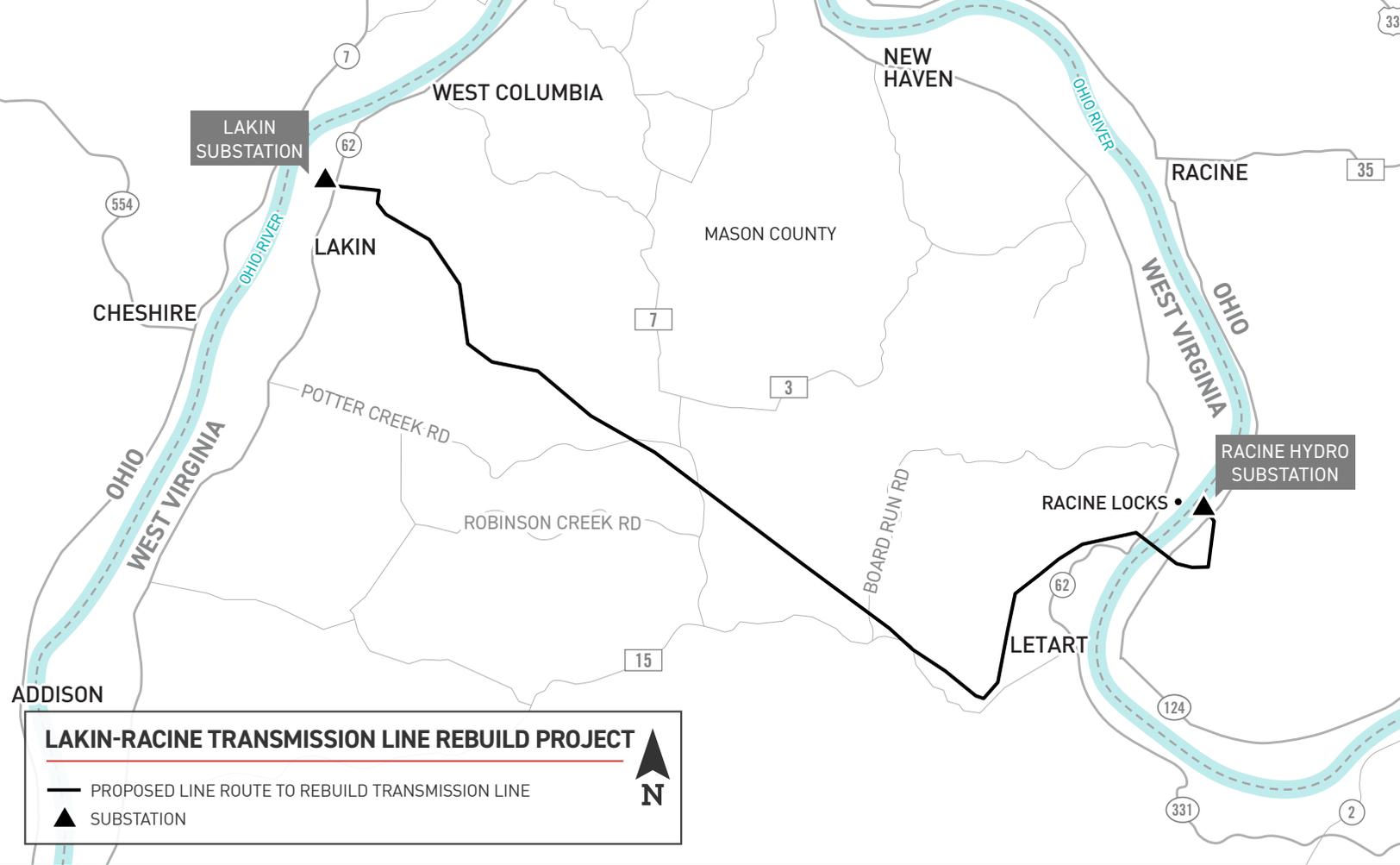
The rebuild begins at the existing Lakin Substation located north of Lakin community and travels southeast toward Letart. The upgrades continue northeast of Letart, crossing the Ohio River and ending at the existing Racine Hydro Substation in Racine, Ohio.



PROJECT SCHEDULE



*Timeline subject to change.



LAKIN-RACINE TRANSMISSION LINE REBUILD PROJECT

- PROPOSED LINE ROUTE TO REBUILD TRANSMISSION LINE
- ▲ SUBSTATION



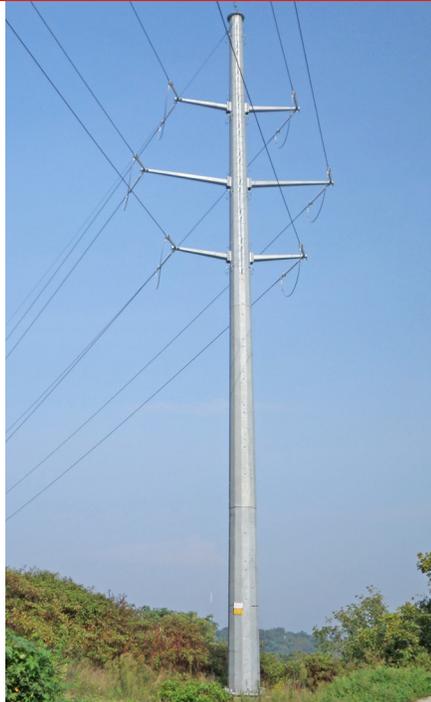
TYPICAL STRUCTURES

Crews plan to rebuild the power line primarily using steel, H-frame and single poles.

At Appalachian Power, we are committed to meeting the energy needs of customers while protecting the environment and natural beauty of the region.

- Existing Structure Height: [Approximately 50 feet*](#)
- Proposed Structure Height: [Approximately 75 feet*](#)
- Right-of-Way Width**: [Approximately 100 feet*](#)

*Exact structure, height and right-of-way requirements may vary
 **A right-of-way is a defined area where transmission lines are located.



APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

CORTNEY MUSTARD

Project Outreach Specialist

833-313-3743

Apco_Outreach@aep.com

AppalachianPower.com/LakinRacine

