

# EDENS RIDGE SUBSTATION EXPANSION

Appalachian Power representatives plan upgrades to the electric transmission grid in Kingsport. The Edens Ridge Substation Expansion involves expanding a substation and rebuilding a small section of transmission line on the substation property. Crews plan to begin construction summer 2022 and conclude by early 2024.

## WHAT

The project involves:

- Expanding the Edens Ridge Substation to accommodate new, modern equipment
- Rebuilding a small section of transmission line on the substation property

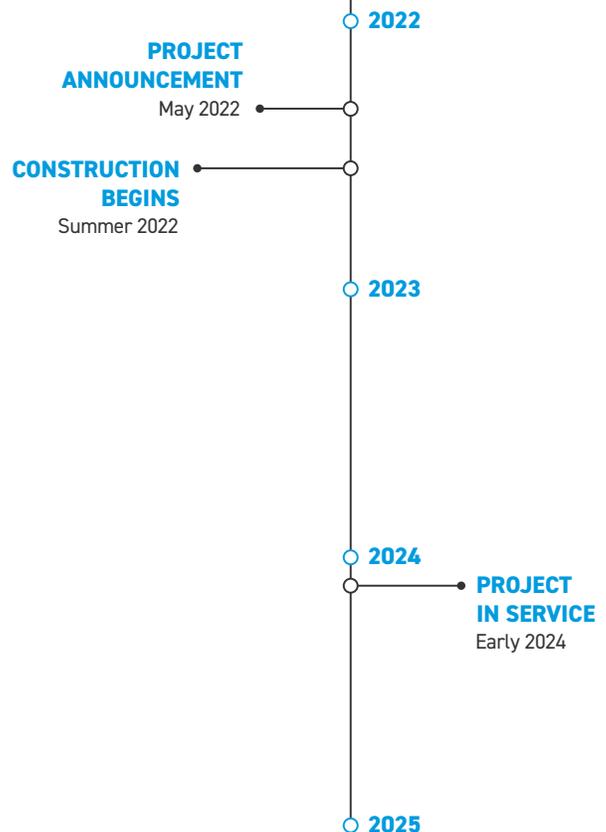
## WHY

The upgrades:

- Strengthen the local transmission system and increase area reliability
- Install new substation equipment to support electrical load growth in Kingsport
- Upgrade existing equipment to meet modern standards

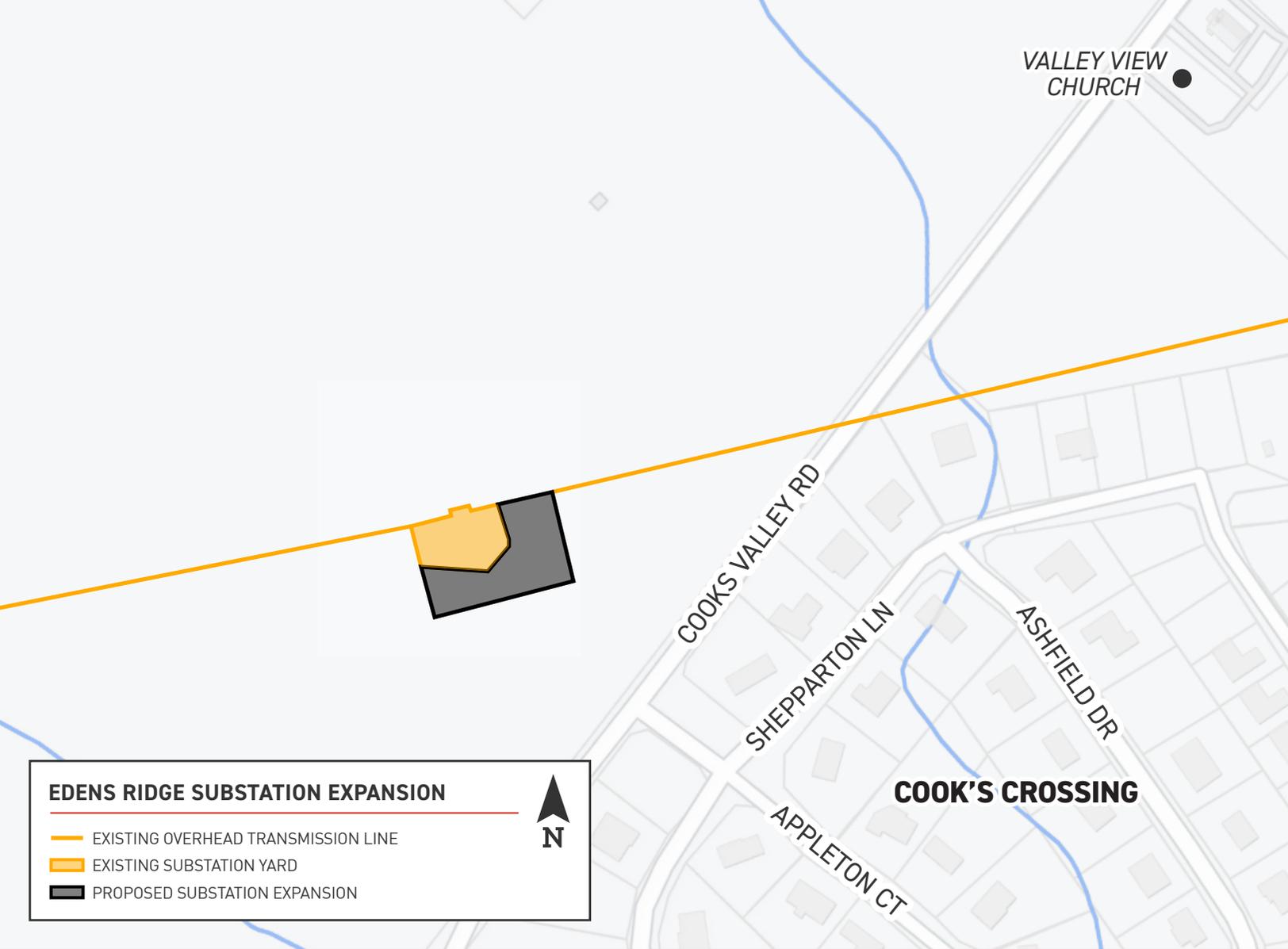
## WHERE

The upgrades are located near the intersection of Cooks Valley Road and Appleton Court in Kingsport.



Timeline subject to change.

VALLEY VIEW  
CHURCH



### EDENS RIDGE SUBSTATION EXPANSION

- EXISTING OVERHEAD TRANSMISSION LINE
- EXISTING SUBSTATION YARD
- PROPOSED SUBSTATION EXPANSION



## SUBSTATION DETAILS

This image shows the existing Edens Ridge Substation that crews plan to expand. Substations serve as electrical intersections converting the power to voltage levels for use in homes, businesses and industrial facilities.

Existing substation: 98 x 145 feet

Proposed substation size after expansion: 155 x 241 feet\*

\*Approximation only. Final engineering and construction details are not complete.



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

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