

BLAIR - DANVILLE

TRANSMISSION IMPROVEMENTS PROJECT



Appalachian Power and its affiliate, AEP West Virginia Transmission Co., plan to increase electric reliability by making upgrades to the transmission system in Boone and Logan counties in West Virginia. The Blair - Danville Transmission Improvements Project involves replacing existing transmission infrastructure with modern equipment to reduce the likelihood of extended outages to customers.



WHAT

The Blair - Danville Transmission Improvements Project consists of building a new power line to allow the retirement of approximately 14 miles of existing transmission line in the Danville, Madison, Washington Heights and Sharples areas of Boone and Logan counties. The new transmission line will be built to 69-kilovolt standards with steel structures. The route for the new line will be determined after public input is received on proposed study segments. Once the new line is complete, the existing line will be retired.

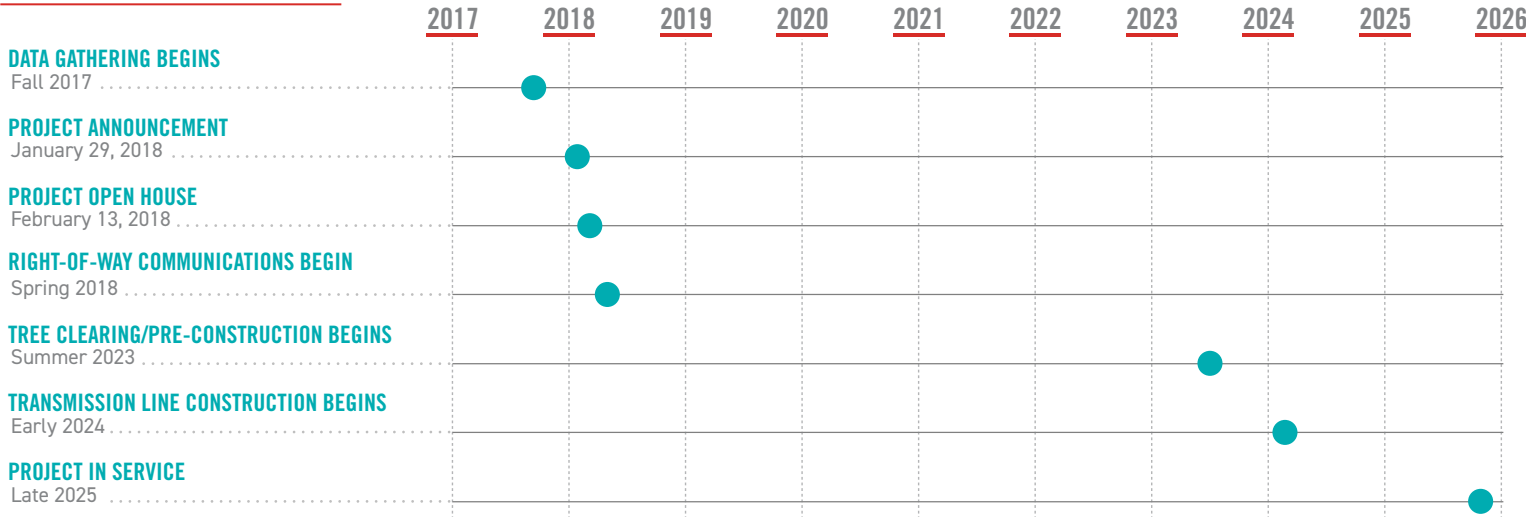
WHY

The area's transmission grid needs to be updated to increase electric reliability to local customers. Replacing the aging infrastructure with modern equipment will reduce outages to customers while decreasing restoration times when outages do occur.

WHERE

The existing transmission line starts at the Hopkins Substation in Danville. The line travels southeast crossing over US 119 and Spruce River Road then continues south into Logan County and connects to the Sharples Substation on Monclo Road. The proposed study segments under consideration for the new transmission line are located on either side of the existing line and connect into the three existing substations. Construction of the new line will require the company to acquire new easements for the line's 100-foot wide right-of-way.

PROJECT SCHEDULE



*Timeline subject to change.

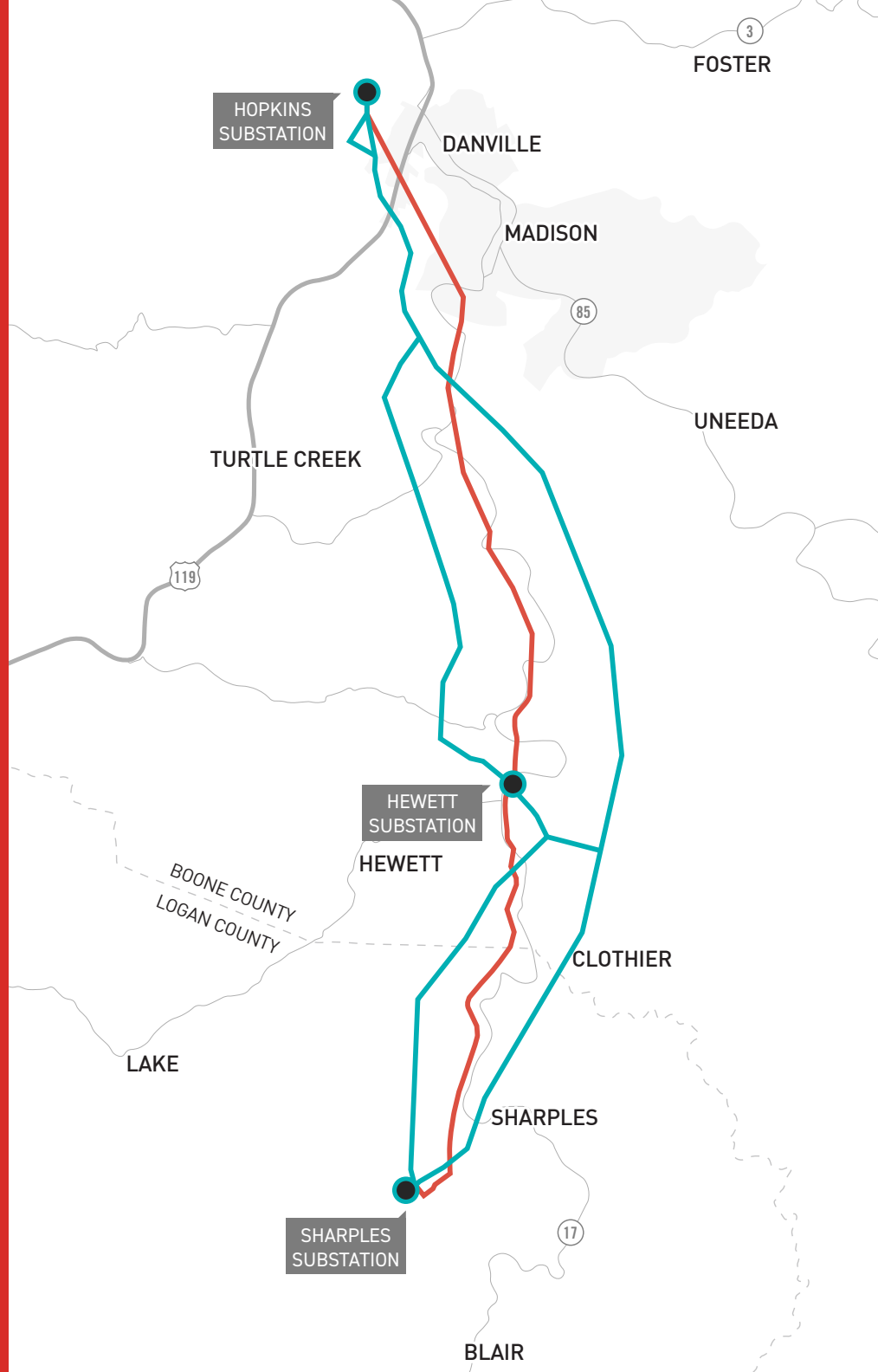
TYPICAL STRUCTURES

Proposed structures will vary depending on location. The average height of structures along the route is 80 feet. Appalachian Power is using galvanized steel H-frame structures to replace wood structures.

Average Structure Height: 80 feet

Average Right-of-Way Width: 100 feet

*Exact structure, height and right-of-way requirements may vary



BLAIR - DANVILLE TRANSMISSION IMPROVEMENTS PROJECT

— EXISTING TRANSMISSION LINE (TO BE RETIRED)
— PRELIMINARY STUDY SEGMENTS

○ SUBSTATIONS



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

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