

VICTOR SUBSTATION

TRANSMISSION LINE PROJECT



The Victor Substation Transmission Line Project involves building approximately 2 miles of 69-kilovolt (kV) transmission line, building a new substation and retiring two substations in Fayette County.

The visual simulation is an approximation using the best available data. Final engineering and construction details are not complete.

WHAT

The project involves:

- Building approximately 2 miles of 69-kV transmission line
- Building the Victor Substation on AEP-owned company property located off U.S. Route 60/Midland Trail in Victor (proposed and alternate sites shown on map below)
- Retiring two substations

WHY

Building the Victor Substation and the 2-mile 69-kV power line provides a new power source for area customers and increases electric reliability to customers in the town of Ansted, Victor and surrounding communities. These improvements also allow crews to retire two aging substations and reduce the need for frequent equipment maintenance.

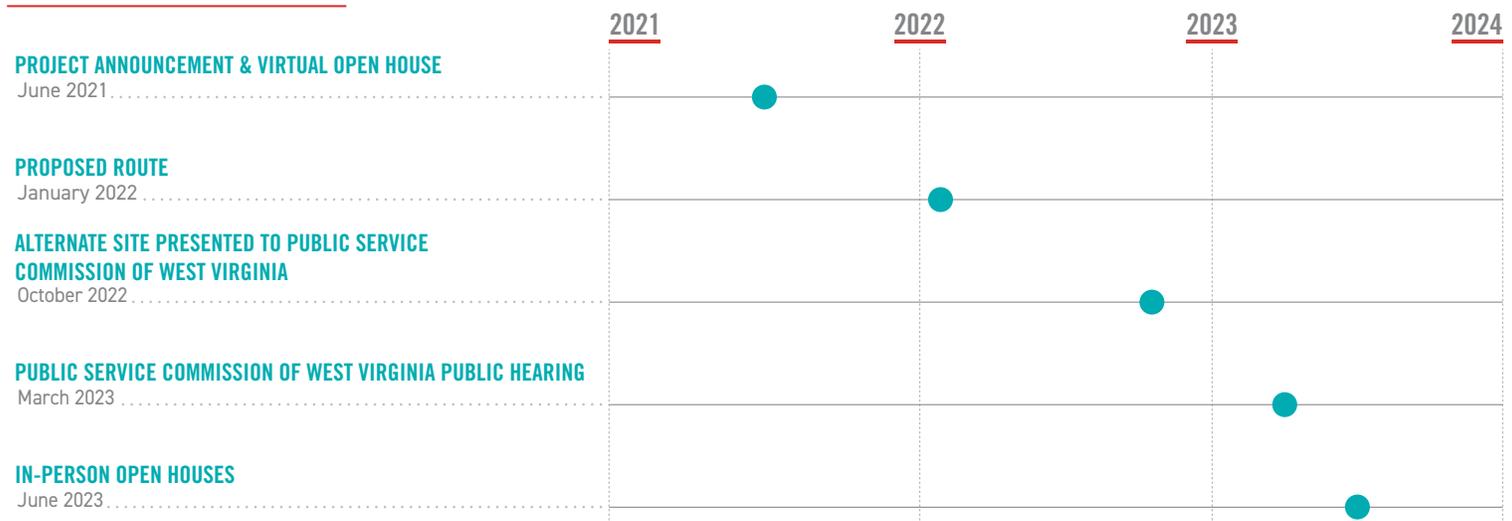
Without these system improvements, the local power system could experience increased stress and area residents could experience frequent extended power outages due to equipment failure. Existing equipment is approximately 70 years old and is at the end of its life-span.

The proposed substation needs to be located near Victor and adjacent to U.S. Route 60 to tie into existing electrical infrastructure.

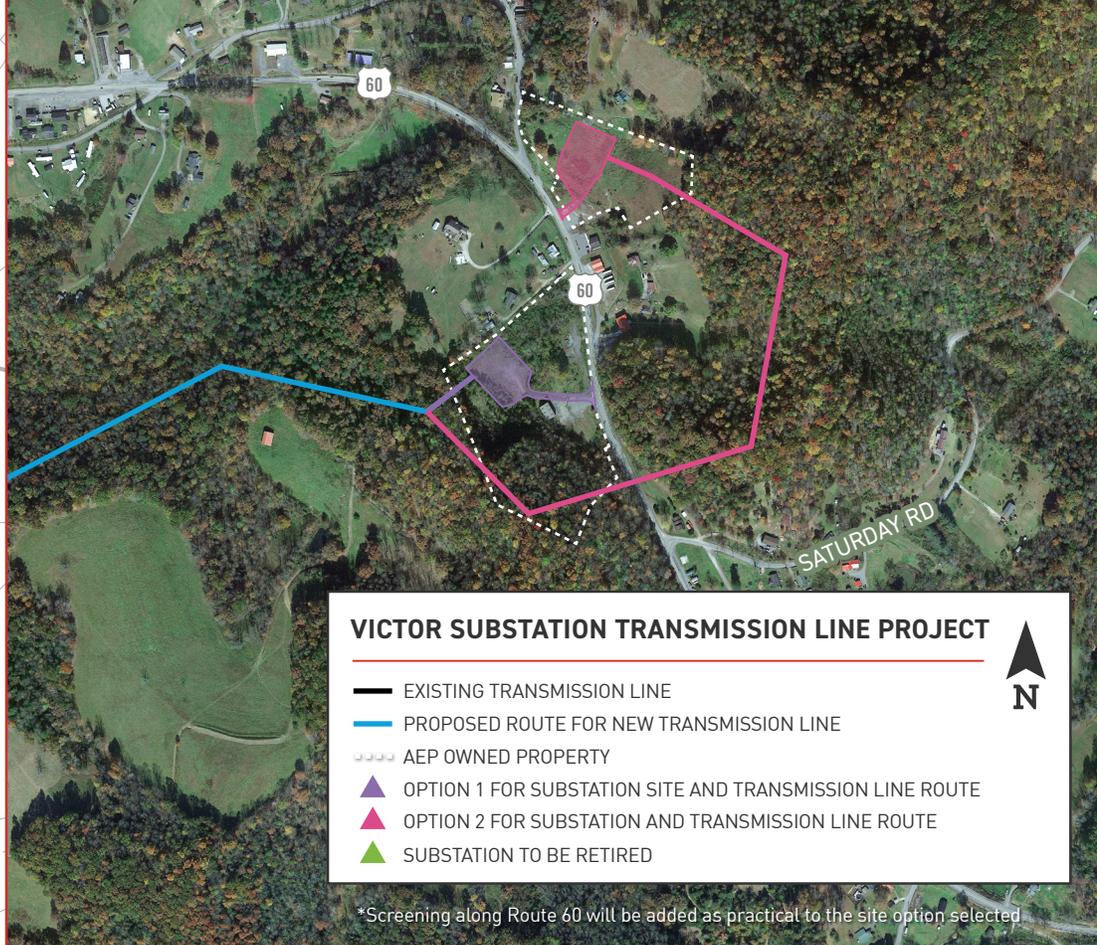
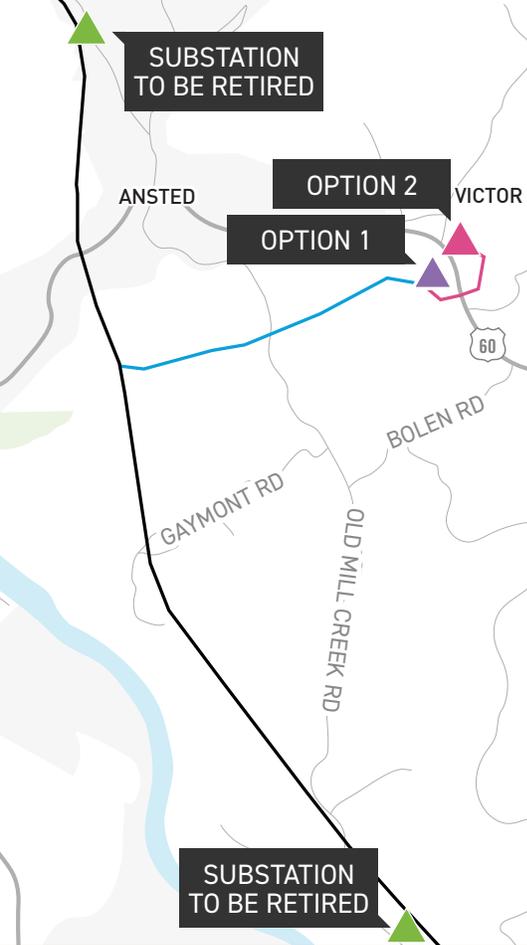
WHERE

The project begins at the proposed Victor Substation located off U.S. Route 60/Midland Trail in Victor and travels southwest, crosses Old Mill Creek Road and ends at a connection point with an existing transmission line.

PROJECT SCHEDULE



*Construction timeline to be determined following the commission public hearing. Landowners can expect to receive more information about next steps and a construction schedule following the WV Public Service Commission's decision.



VICTOR SUBSTATION TRANSMISSION LINE PROJECT

- EXISTING TRANSMISSION LINE
- PROPOSED ROUTE FOR NEW TRANSMISSION LINE
- ⋯ AEP OWNED PROPERTY
- ▲ OPTION 1 FOR SUBSTATION SITE AND TRANSMISSION LINE ROUTE
- ▲ OPTION 2 FOR SUBSTATION AND TRANSMISSION LINE ROUTE
- ▲ SUBSTATION TO BE RETIRED

*Screening along Route 60 will be added as practical to the site option selected

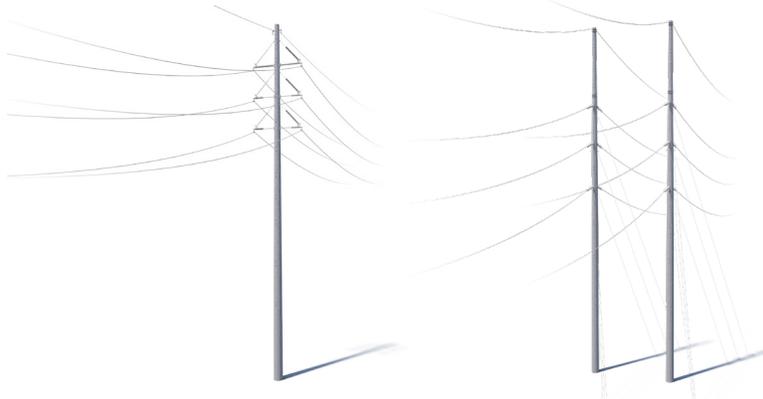
TYPICAL STRUCTURES

Crews plan to build the transmission line using a combination of single-pole and two-pole steel structures.

Structure Height: **Approximately 90 feet***

Right-of-Way Width: **Approximately 100 feet***

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



TYPICAL SUBSTATION

Substations serve as electrical intersections directing the flow of electricity and either decrease or increase voltage levels for transport. Substations transform 69-kV and 138-kV electricity into lower distribution level voltages such as 34.5-kV, 12-kV, or 7.2-kV.



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

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