

BECCO - KOPPERSTON TRANSMISSION LINE PROJECT



An AEP Company

BOUNDLESS ENERGY

Appalachian Power and its affiliate, AEP West Virginia Transmission Co., plan to improve the power grid in southern West Virginia by replacing aging infrastructure with modern technology. The Becco – Kopperston Transmission Line Project includes rebuilding approximately 13 miles of existing transmission line, 3 miles of new transmission line, replacing about a mile of wire for communication and building a new substation. Construction is expected to start fall 2018 and be complete by the summer of 2019. Estimated budget for the project is \$60 million.



WHAT

Appalachian Power is proposing to upgrade 13 miles of the Becco - Skin Fork transmission line. About 7 miles will be upgraded along the existing route and require supplemental easements. The remaining 6 miles may require construction and new easements within proposed study segments. An additional 3 miles will be built on new easements connecting the proposed substation to an existing transmission line.

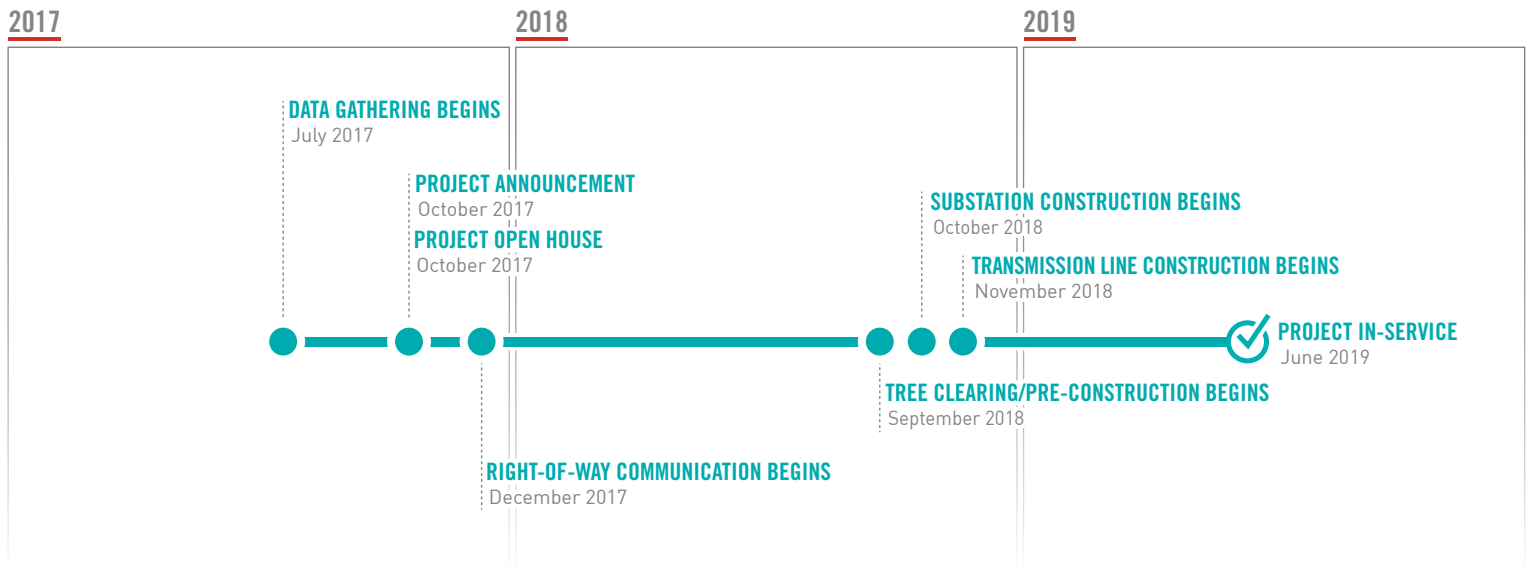
WHY

The existing Becco - Kopperston transmission line was built in the 1960's. The line is currently at capacity with the amount of power it can handle. Modernizing the line will help reinforce the local transmission grid and reduce the number of outages.

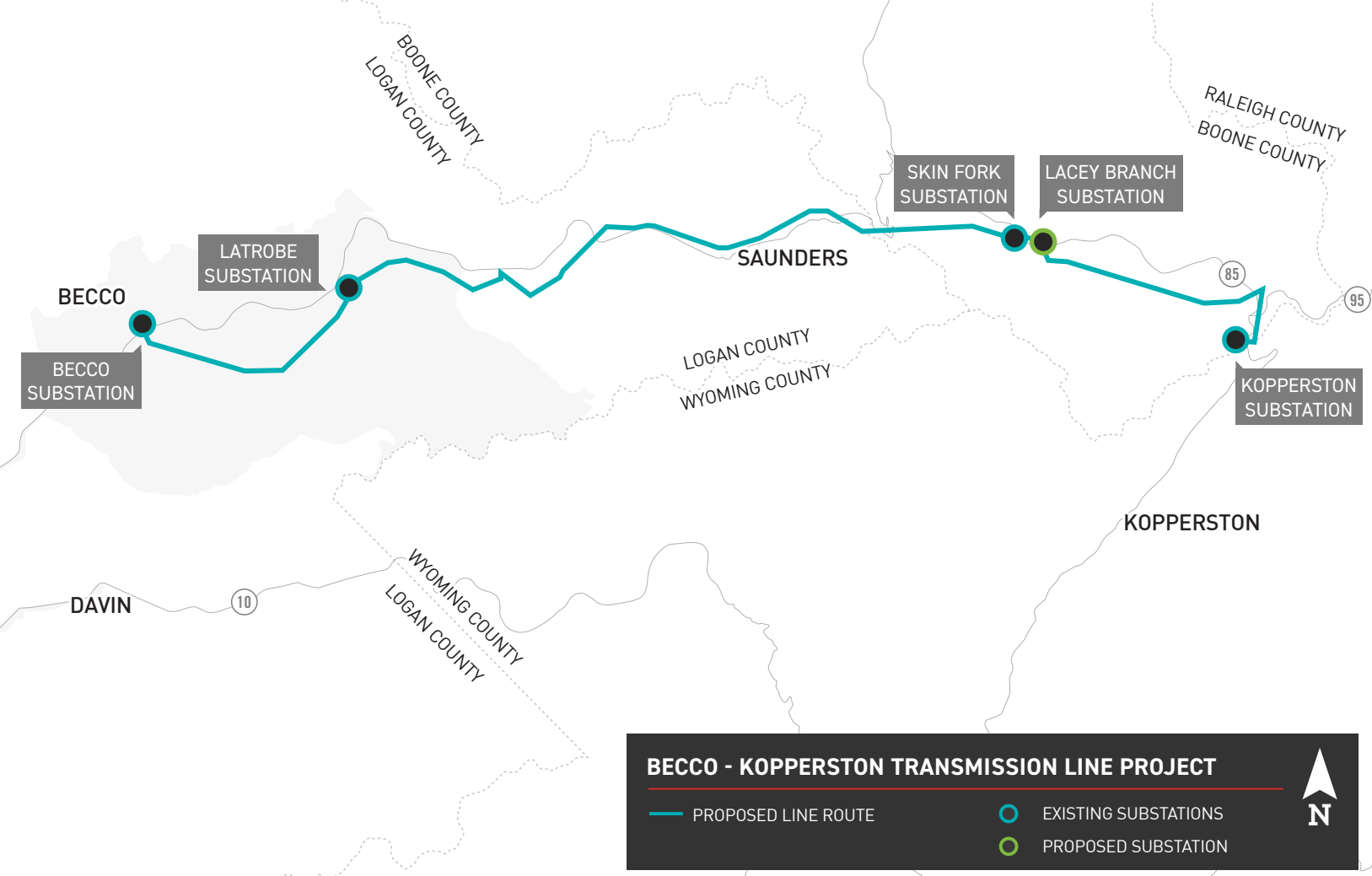
WHERE

The project begins with a mile of communication wire at the substation on Koppers Mine Road on the Wyoming – Boone County line. The next 16 miles of the project continues west starting at the tap point on the Kanawha – Baileysville 138 kV transmission line. The transmission line route then crosses into Boone County, where the line connects at the new Lacey Branch substation on Route 85. The next 13 miles of the transmission line parallels Buffalo Creek Road until arriving at the Becco Substation.

PROJECT SCHEDULE



*Project schedule is subject to change.



TYPICAL STRUCTURES

Proposed structures will vary depending on location. The most commonly used structure will be the steel H-frame. There will also be steel lattice towers and three-pole structures. Average height is about 90 feet. Appalachian Power is committed to carefully balancing the energy needs of our customers while protecting the environment and natural beauty of the region.



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

SUBSTATIONS

Substations serve as electrical intersections converting the power to voltage levels for use in homes, businesses and industrial facilities.



*Substation shown is a general depiction of the proposed facilities that will be built for this project. They do not represent final design.

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

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If you have questions or need more information visit the project website at:
www.AppalachianPower.com/Becco

