



OAK MOUND-WALDO RUN TRANSMISSION PROJECT

Proposed Transmission Line to Enhance Service Reliability in Northern West Virginia

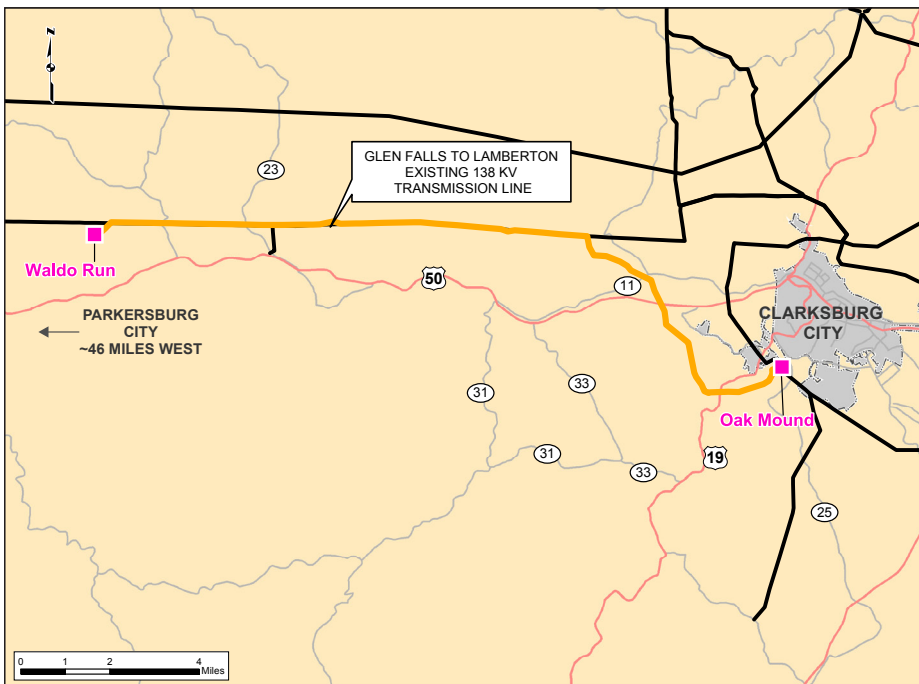
FirstEnergy and its operating companies are proposing to build the Oak Mound-Waldo Run 138-kilovolt (kV) transmission line to enhance service reliability in Harrison and Doddridge Counties. The need for the project is to address low-voltage conditions on the transmission system.

PROJECT OVERVIEW

The Oak Mound-Waldo Run 138-kV transmission project will be approximately 18 miles long, and will connect the existing Oak Mound Substation, located in the Clark District of Harrison County and the Waldo Run Substation, currently under construction in the Grant District of Doddridge County. The project will be built by the Trans-Allegheny Interstate Line Company (TrAILCo), a FirstEnergy Company, at an estimated cost of \$55 million.

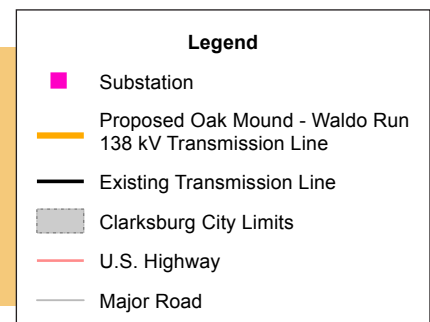
ROUTING

The proposed line will require approximately seven miles of new right-of-way and eleven miles of existing, widened right-of-way. A detailed routing study was completed to identify potential routes for the line that minimize potential impacts on communities and the environment.



Initially, five distinct route locations west of Clarksburg were evaluated for overall environmental feasibility. The route shown, in orange on the map, was selected for this project because it has the least overall impact. This route parallels an existing FirstEnergy transmission line for eleven miles.

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PROJECT NEED

FirstEnergy has identified the reliability risk of low voltage conditions on the transmission system under certain conditions. The proposed project addresses the reliability issues. Its assessment is based on existing conditions and the need for system reliability to safely meet the electrical needs of the region now and into the future.

REGULATORY APPROVAL

TrAILCo submitted a letter to the staff of the Public Service Commission of West Virginia advising them of the project.

EASEMENTS

In most locations, a new 150-foot wide right-of-way will be needed for the proposed transmission line. In a few locations, the new right-of-way will be 200 feet wide.

PERMITTING

Detailed wetland, stream and other environmental and historical evaluations will be performed along the transmission line route and at the expanded Oak Mound substation. Necessary permit applications will be submitted to state and federal agencies.

CONSTRUCTION

Construction of the project began in late 2014, and the line will be placed in service by December 2015.

PRELIMINARY PROJECT TIMELINE

Summer 2014 Notification letter to Public Service Commission of West Virginia
Late Fall 2014 Permits received; start of construction
December 2015 Project completed and placed in-service

ABOUT ENERGIZING THE FUTURE

Energizing the Future is a \$4.2 billion transmission initiative through 2017 that involves upgrading and strengthening the grid to meet the future demands of our customers and communities. Key factors driving this major investment in our transmission system include replacing existing equipment with advanced technologies designed to enhance system reliability; meeting projected load growth driven primarily by shale gas-related activity in our region; and reinforcing the system in light of power plant deactivations.

For more information, visit firstenergycorp.com/transmission.

