

# OREFIELD TRANSMISSION PROJECT



## INTRODUCTION

A resilient transmission system helps us deliver safe, reliable, affordable and sustainable electricity across the region. That's why we've invested in focused upgrades and have continued to innovate and advance our electric grid through transmission projects that help to improve reliability, protect the grid from extreme weather, reduce outages and enable renewable energy interconnections.

We're planning to build approximately two miles of transmission lines as well as a new substation in South Whitehall Township in Lehigh County.

## WHY IS THIS PROJECT NEEDED?

This project is designed to strengthen the reliability and resiliency of the transmission system for all customers. By creating additional pathways for electricity delivery, we're ensuring customers have dependable service while meeting the growing demand for power in this area. It will also allow a new customer to connect to the transmission grid.

## WHAT WORK WILL OCCUR?

We've conducted a detailed siting analysis to determine the appropriate location for the transmission lines and will negotiate with landowners to purchase any right-of-way.

Construction will include installation of environmental controls and access roads, clearing of any trees in the new right-of-way and installation of new steel transmission structures. Construction will also involve creating temporary work pads and pull pads, which will be used to install the new conductors. All disturbed areas will be restored upon completion of the project.

We anticipate that the entire construction process for the transmission lines and substation will require approximately two years. With a proposed start date of summer 2026, we anticipate that the project will be completed by summer 2028.

## WHAT WILL BE BUILT

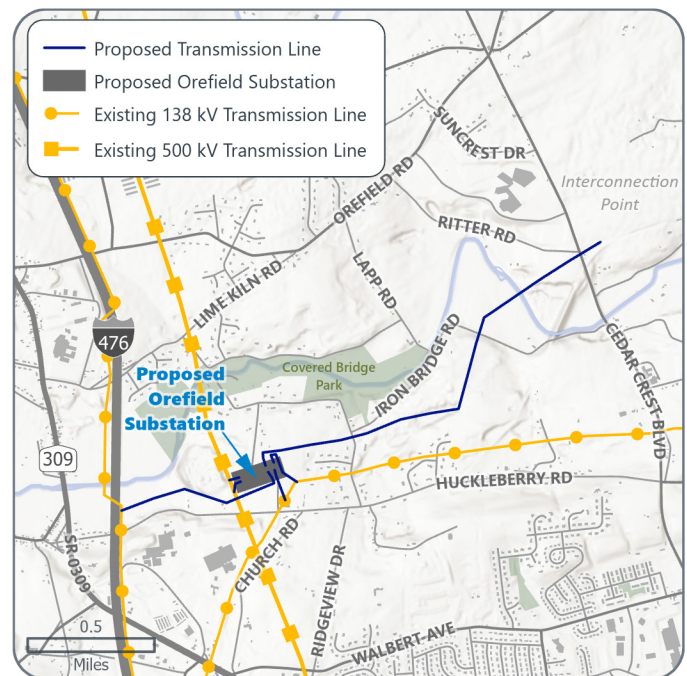
Transmission structures will be constructed of steel with a dark-brown protective coating and are designed to be stronger and more weather-resistant. Based on preliminary engineering, the 500 kV monopoles will range in height from 150 feet to 170 feet, with an average height of 160 feet while the 138 kV monopoles will range in height from 80 feet to 115 feet, with an average height of 100 feet. Actual pole heights will be determined during final engineering.

## HOW TO LEARN MORE

We want to keep you informed every step of the way. As part of this effort, we're hosting an informational open house for area residents:

**Date:** January 14, 2026  
**Time:** 6 to 8 p.m.  
**Location:** South Whitehall Township Municipal Building  
4444 Walbert Avenue, Allentown, PA 18104

A project team will be on hand to provide information about the project and answer any questions you may have. There is no set agenda or formal presentation, so please feel free to visit any time between 6 and 8 p.m.



To submit a question or comment about the project, please reach out via email at [OrefieldProject@pplweb.com](mailto:OrefieldProject@pplweb.com).

## ABOUT PPL ELECTRIC UTILITIES

PPL Electric Utilities delivers safe, reliable and affordable electricity to nearly 1.5 million homes and businesses across 29 counties in eastern and central Pennsylvania. Visit [ppllectric.com](http://ppllectric.com) for energy efficiency tips, bill help information, guidance on shopping for an electricity supplier and more.



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