

Nescopeck-Harwood and Nescopeck-Tomhicken 500 kV Transmission Line Project

INTRODUCTION

PPL Electric Utilities plans to build two new transmission lines in Luzerne County. The transmission lines will be built from the new Nescopeck Switchyard in Nescopeck Township to the new Tomhicken Switchyard and the existing Harwood Substation located in Hazle Township.

WHY IS THIS PROJECT NEEDED

The new transmission lines are needed to provide additional power to the area to support load growth, including a new customer facility. This proposed project will also improve reliability by adding a new source of power to the area and increase operational flexibility.

WHAT WILL OCCUR

PPL Electric will conduct a detailed siting analysis to determine the appropriate location for the alignment of the new transmission lines and will negotiate with landowners to purchase the required right of way.

WHAT WILL BE BUILT

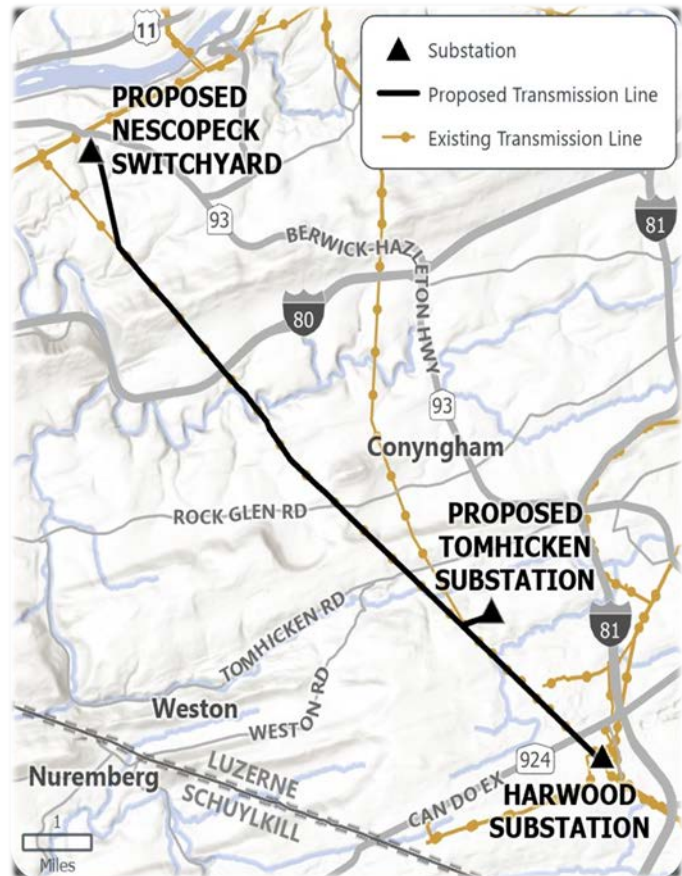
Transmission structures will be constructed of steel with a dark brown protective coating designed to

be stronger and more weather resistant. Based on preliminary engineering, it is anticipated the transmission poles will range in height between 100 and 240 feet with an average height of around 200 feet. Actual pole heights will be determined during final engineering. Between the Nescopeck and Tomhicken substations the new lines will be constructed as one double circuit line. The new transmission lines will initially operate at 230 kV but will be designed for

500 kV operation. Construction of the transmission lines is estimated to begin in the spring of 2026 and will be placed in service by fall of 2027.

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.



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FREQUENTLY ASKED QUESTIONS

Why is PPL Electric Utilities building this line?

The transmission line improvements are needed to provide a new power supply to the area and improve reliability by increasing operational flexibility.

What kind of work will be done?

PPL will be constructing two new switchyards and approximately 12 miles of new Transmission Lines. The new Nescopeck 500/230 kV Switchyard is to be located in Nescopeck Township, near PPL Electric's existing Sunbury-Susquehanna 500 kV and 230 kV transmission Lines. The new Tomhicken 230 KV Switchyard is to be located in Hazle Township, near the customer's facility, and adjacent to PPL Electric's existing Susquehanna-Harwood 230 kV Transmission Lines. In addition, PPL Electric will be installing approximately 12 miles of new 230 kV Transmission Lines to interconnect the two new switchyards and the Harwood Substation, as well as extend power to a customer's facility. The first transmission line will run between the Nescopeck Switchyard and the Tomhicken Switchyard. The second transmission line will run between the Nescopeck Switchyard and the Harwood Substation. Between the Nescopeck Switchyard and the Tomhicken Switchyard both new transmission lines will be installed on the same transmission line support structures. The transmission lines will initially operate at 230 kV but will be designed for 500 kV operation, in anticipation of continued load growth in the surrounding area. The project is located in Nescopeck, Black Creek, Sugarloaf, and Hazle Townships in Luzerne County.

Construction includes 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 access roads, work pads and pull pads, which will be used to install the new conductor wires. All disturbed areas will be restored upon completion of the project.

Will my power need to be turned off for this work?

No, the project will not result in customer outages.

Will PPL Electric need to acquire more right-of-way to complete this work?

Yes. The new transmission lines will require the acquisition of new right-of-way. The project will utilize an existing 100 feet wide PPL Electric transmission line right-of-way corridor that will be expanded to 200 feet wide to accommodate the new transmission lines. PPL Electric will work with landowners to purchase the necessary easements across each of the properties.

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FREQUENTLY ASKED QUESTIONS

How long will the work last?

We anticipate the entire construction process for the transmission lines and switchyards will require approximately one and a half years. With a proposed construction start date of spring 2026, we anticipate the project will be in-service by fall 2027. Construction generally starts at one end of the transmission line and progresses to the other end. Crews will not be continuously working along the entire line route.

What will the new poles look like?

Based on preliminary engineering, PPL Electric will install steel monopole transmission line support structures that will range in height from approximately 100 to 240 feet, with an average height of approximately 200 feet. Actual pole heights will be determined during final engineering. These poles weather to form a protective brown coating that prevents corrosion. They also have lower maintenance costs as painting is not needed.