

SUSQUEHANNA-TOMHICKEN

TRANSMISSION PROJECT FAQs



PPL Electric Utilities

INTRODUCTION

The Susquehanna-Tomhicken project is a necessary reliability upgrade to about 9.75 miles of existing transmission line in Luzerne County. PJM, the regional grid operator responsible for transmission planning and reliability, identified a need to increase the capacity of this portion of the transmission system to help maintain reliable electric service. After evaluating potential solutions, PJM selected PPL Electric Utilities' proposal to upgrade the existing line.

The improvements will help strengthen the electric grid, provide additional capacity on the system and help maintain reliable service for customers throughout the region.

FREQUENTLY ASKED QUESTIONS

PPL ELECTRIC UTILITIES PROJECT DETAILS

What are the specifics of this proposed project?

PPL Electric plans to upgrade about 9.75 miles of existing 230 kV transmission line – by replacing the wire – in Hazle, Sugarloaf, Hollenback and Conyngham Townships in Luzerne County. PPL Electric will seek Pennsylvania PUC approval to use the existing approximately 150-foot wide transmission line corridor currently in use.

PPL Electric plans to install higher-capacity wire and reinforce select structures along the existing route. The improvements will help strengthen the electric grid, provide additional capacity on the system and help maintain reliable service for customers throughout the region.

Why is this project needed?

PJM, the organization responsible for planning and maintaining reliability across the regional electric grid, identified this transmission line as needing additional capacity to help ensure the system can continue operating reliably. After evaluating potential solutions, PJM selected PPL Electric's proposal to upgrade the existing line.

What townships or boroughs will this project run through?

The new transmission line currently runs through Hazle, Sugarloaf, Hollenback and Conyngham Townships in Luzerne County.

Will this project require additional right-of-way?

The project uses an existing, in-use transmission line corridor so additional right-of-way will not be required to complete the project.

Temporary access roads and/or workspaces may need to be acquired from property owners for the transmission line reconductor project. We will work closely with landowners, townships, communities and other stakeholders throughout the process.

Will any of the existing infrastructure be reused, such as the poles?

Will any of the existing poles need to be replaced?

PPL Electric plans to reuse existing infrastructure wherever practical as part of the project. Because the upgraded transmission wire is heavier, we currently anticipate replacing approximately five structures along the route.

We are also evaluating opportunities to continue using existing project infrastructure, such as access roads and work areas, to help minimize impacts on surrounding properties and communities. Project designs are still being finalized, so the number and location of any structure replacements or work locations could change as engineering work progresses.

What will new transmission poles look like?

The existing transmission towers along the line range in height from approximately 82 to 165 feet, with an average height of about 135 feet. As part of the engineering and design process, PPL Electric will evaluate whether any existing structures need to be replaced. If replacement structures are needed, they are expected to be self-weathering steel poles with a brown finish.

The replacement poles would generally be similar in height to the existing structures, ranging from approximately 125 to 165 feet but have a smaller physical footprint since the new structures will be steel monopoles and not four-leg lattice structures. Final structure locations and heights will be determined as engineering and design work progresses.

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

No. The project will not require outages on our distribution system.

Will this project need to be approved by the Pennsylvania PUC?

Yes. The project will require Pennsylvania PUC review and approval.

When will this project be built?

A final construction schedule has not yet been prepared. PPL anticipates construction to take place in 2028, but this is subject to change at this early stage of the project.

What does the construction process include?

Safety for our customers, communities and employees is our top priority. We are committed to minimizing impacts on the local community throughout the design and construction of the project.

Construction includes installation of environmental controls and access roads, clearing of trees in the right-of-way if necessary and installation of new wires and some steel transmission structures. All disturbed areas will be fully restored upon completion of the project.

WORKING WITH PROPERTY OWNERS

How is PPL Electric communicating with area residents and other stakeholders?

Community engagement is an important part of this project. PPL Electric will work directly with landowners, municipal officials and other stakeholders throughout the planning process. We will maintain a project website with the latest information and stakeholders will be able to contact the project team directly through a dedicated email address. Our goal is to provide clear information, answer questions and ensure stakeholders have opportunities to share feedback as the project moves forward.

Project website:

www.pplelectric.com/SusquehannaTomhickenProject

Project email: Susquehanna-TomhickenProject@pplweb.com

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OTHER QUESTIONS

What is a transmission line?

Transmission lines carry electricity at high voltages across long distances to efficiently connect power plants with areas where customers need power. Transmission lines are similar to interstate highways in the interconnected electric system.

Will the project have any effect on health?

PPL Electric safely operates thousands of miles of transmission lines across its service territory, including densely populated areas. All lines are constructed in accordance with applicable safety standards.

Does EMF have any effect on health?

"EMF" is an abbreviation for "electric and magnetic fields" and "electromagnetic fields."

Current scientific evidence does not confirm the existence of any health consequences from exposure to low-level electromagnetic fields. Power lines, appliances and home wiring all produce electric and magnetic fields. More information, including links to studies by outside agencies, can be seen on our website at ppllectric.com/emf.

Public health and safety are always a focus for us. We adhere to all applicable safety and engineering standards, and we monitor and follow research from trusted institutions such as the World Health Organization and the U.S. National Institutes of Health.

Could this line be built underground?

The vast majority of PPL Electric's transmission system is above ground. We consider a host of factors in siting transmission lines, including costs and potential impacts to the community and the environment, which are paid for by customers. Building a transmission

line underground can be several times more expensive than overhead construction. There are several reasons for this:

- It takes multiple underground lines to equal the capacity of a single overhead line.
- Underground lines require more earth disturbance for trenching.
- If damaged, underground lines can take substantially longer to repair, a delay that could seriously affect reliable electric service.
- If the underground line is placed within a roadway, there are often other underground utilities that must be avoided.

Underground lines are not invisible — they require a surface right-of-way stripped of all vegetation and trees and manholes for access. Because of these issues, underground transmission construction typically only makes sense in areas where there is no viable above-ground route.

OPEN SPACE AND ENVIRONMENTAL

Will this project have any impact on the environment?

PPL Electric has an excellent record of building projects in a way that is extremely sensitive to environmental issues. Our track record shows that we work cooperatively with regulatory agencies, obtain all required permits and meet all environmental requirements and regulations under the terms of our permits. Once built, the transmission line involves minimal activity, and its environmental impact is minimal.

Will PPL Electric Utilities need to cut down trees to build this project?

Because the project will be completed within an existing transmission corridor, tree removal is expected to be limited. However, some trees and vegetation within the right of way may need to be trimmed or removed to support the safe construction and operation of the transmission line.

What happens if there are wetlands in the area where this work will be completed?

PPL Electric has an excellent record of building projects in a way that is extremely sensitive to environmental issues, and we will address wetlands in a manner consistent with all applicable regulations. This includes avoiding putting poles in wetlands and instead placing them on either side of a wetland and spanning it with the wires wherever possible.

If you disturb any current wetlands, are you going to build new ones elsewhere?

PPL Electric will meet Pennsylvania Department of Environmental Protection and U.S. Army Corps of Engineers regulations that exist for mitigation and compensation of wetland areas.

Why does PPL Electric Utilities use herbicides to maintain its rights-of-way?

Herbicides are an effective way to manage vegetation in power line rights-of-way while supporting safe, reliable electric service. Certified contractors apply them selectively using handheld or ATV-mounted equipment.

We preserve compatible, low-growing plants because they naturally limit tall-growing trees and create valuable wildlife habitat. This healthy plant community, combined with wildlife activity, reduces the amount of herbicide needed to maintain safe clearance around electric lines.

What effect will herbicide application have on wildlife and the environment?

We use only U.S. EPA-approved herbicides, all of which are thoroughly tested to ensure they pose no risk to people, wildlife or the environment when applied as directed. Many of these products are the same types used by homeowners. Our selective application methods also provide well-documented benefits, including creating ideal wildlife habitat within the right-of-way.