

# SPRECHER-PITNEY

## TRANSMISSION PROJECT FAQs



PPL Electric Utilities

### PROJECT OVERVIEW

The Sprecher-Pitney Project will strengthen the reliability and resiliency of Lancaster County's electric transmission system by creating new transmission lines for delivering electricity and replacing aging infrastructure. These improvements will increase system flexibility, reduce the risk of equipment-related outages, and help ensure reliable electric service while meeting the region's growing demand for electricity.

The project includes approximately 16.4 miles of new and rebuilt overhead and underground transmission line, and two new substations. The project is currently in the planning and design phase, including an evaluation of applicable state and federal permitting and rigorous engineering, environmental and constructability review processes to evaluate need, alternatives and potential impacts.

Providing safe, reliable electric service to the customers and communities we serve is PPL Electric's top priority. Our role is to help support the regional transmission grid through careful, long-term planning that strengthens reliability and meets future energy needs.

We are committed to planning, building and maintaining transmission infrastructure with integrity, transparency and respect, while prioritizing safety, environmental stewardship, regulatory compliance and thoughtful engagement with landowners and the communities we serve.

### FREQUENTLY ASKED QUESTIONS

#### PPL ELECTRIC UTILITIES PROJECT DETAILS

##### **What are the specifics of this proposed project?**

The project includes approximately 16.4 miles of new and rebuilt overhead and underground 138 kV transmission line, and two new substations in Lancaster County, including a new 230/138 kV substation in Pequea Township and a new 138 kV substation in East Lampeter Township.

Approximately 2.1 miles of this transmission line is proposed to be located underground within public road right-of-way, approximately 4 miles will be new overhead transmission line located within existing easements, approximately 10 miles of existing overhead transmission line will be rebuilt to 138 kV capacity within existing right-of-way, and two short overhead sections totaling 0.4 miles will require new right-of-way corridor.

The proposed project will be built almost entirely within existing PPL Electric transmission corridors, helping to minimize impacts on communities, landowners and environmental resources.

##### **Why is this project needed?**

The Sprecher-Pitney project will allow us to meet the growing demand for power in the region and replace aging infrastructure while enhancing reliability for all customers. This project is part of the broader regional transmission grid, which is a system of pathways that move electricity from where it is generated to where there is demand for power. In that respect, this project, along with other transmission lines, plays a supporting role in the flow of power to the regions where demand for electricity is growing. The Sprecher-Pitney Project and other lines support this flow to meet growing regional power needs.

##### **What townships or boroughs will this project run through?**

The proposed route crosses East Lampeter, West Lampeter, Lancaster and Pequea Townships, and the City of Lancaster in Lancaster County.

##### **Will this project require additional right-of-way?**

The majority of this transmission line will be built within existing PPL Electric right-of-way, existing transmission corridors or public road

right of way. Two short overhead sections totaling 0.4 miles will require new 100-foot right-of-way corridor.

Where right-of-way is needed, PPL Electric will work directly with affected property owners after the October 6, 2026, public open house.

##### **What does the construction process include?**

Safety for our customers, communities and employees is our top priority. We are committed to minimizing disruption as much as possible in any future construction.

Construction activities will include installation of environmental controls and access roads, clearing trees in new right-of-way, and installation of new self-weathering steel monopoles, generally ranging from 80 to 100 feet in height. These poles are designed to be stronger and more weather-resistant, which will increase resiliency and reliability of service to the communities we serve.

Construction will also involve creating temporary work areas to safely accommodate construction equipment, materials and crews and to support the installation of new transmission lines.

Some temporary work areas will also be needed to install underground sections of the line using trench and trenchless methods that help reduce impacts. All disturbed areas will be restored upon completion of the project.

Construction will begin at one end of the transmission line and proceed, in phases, toward the opposite end. Work will take place in segments, not along the entire route all at once.

##### **What will new transmission poles look like?**

The 138 kV 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, these monopole structures will likely range in height from approximately 80 to 100 feet. Actual pole heights will be determined during final engineering.

The underground portion of the project will be located in public road right-of-way and will therefore not be visible to the public other than occasional manholes used for maintenance access.

##### **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 require road closures or other community disruptions?**

Some temporary traffic restrictions may be needed during construction. If road impacts are required, we will coordinate with local officials and provide advance notice whenever possible.

##### **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?**

We anticipate the entire construction process for the transmission lines and substation will be completed by August 2029, with a tentative start date of June 2028.

#### WORKING WITH PROPERTY OWNERS

##### **Will this project affect my property value?**

We understand why property value is a concern and appreciate that many property owners want to know what this project could mean for their home and investment. Because property values are influenced by many factors and every real estate market is different, we can't predict the future value of any individual property. The project is planned primarily within an existing transmission corridor or public road right of way, and PPL is committed to working closely with affected property owners throughout the process.

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### How is the value of an easement determined?

We determine the value of an easement by obtaining a fair market value analysis from a certified third-party appraiser, and then we negotiate with the property owner to reach a mutually agreeable payment.

### Is there any compensation for those property owners near the line from whom PPL Electric doesn't need to purchase right-of-way?

No.

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

We're committed to sharing information, listening to feedback and keeping landowners and communities informed throughout the planning and development process. PPL Electric will host an informational open house on October 6, 2026, from 6 p.m. to 8 p.m. at the Cork Factory Hotel at Urban Place, 480 New Holland Ave #3000, Lancaster, PA, 17602.

A project team will be available to provide information about the project and answer questions one-on-one. More information about the project can be found on our dedicated project webpage at <http://www.pplelectric.com/SprecherProject>.

Customers are encouraged to share feedback and ask any questions before and during the project timeline through a dedicated email address, [SprecherProject@pplweb.com](mailto:SprecherProject@pplweb.com).

## 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.

### What is a switchyard?

A switchyard houses electrical infrastructure, including circuit breakers and protective devices, required to safely control the flow of high voltage power across transmission lines.

### What is a substation?

A substation houses electrical infrastructure — including circuit breakers, protective devices and transformers — required to safely control and transform the flow and level of high voltage power across transmission lines.

### Will the project have any effect on the health of our community or its residents?

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](http://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.

### Some transmission lines make an audible "buzz." Will that be the case with these lines?

The buzz that you may hear from the proposed transmission line is caused by small electric discharges on the surface of the wires known as "corona." This harmless phenomenon is most noticeable on humid days when water droplets form on the surface of the transmission lines.

## 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?

Tree removal will be required within newly acquired right-of-way corridors.

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

PPL Electric has a trusted history of executing projects with a high level of environmental sensitivity. We are committed to addressing wetlands in compliance with all relevant regulations, prioritizing the avoidance of placing poles in wetlands by locating them outside of these areas.

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

PPL Electric will comply with Pennsylvania Department of Environmental Protection and U.S. Army Corps of Engineers regulations that exist for conducting work in 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.