



WELCOME TO OUR OPEN HOUSE!

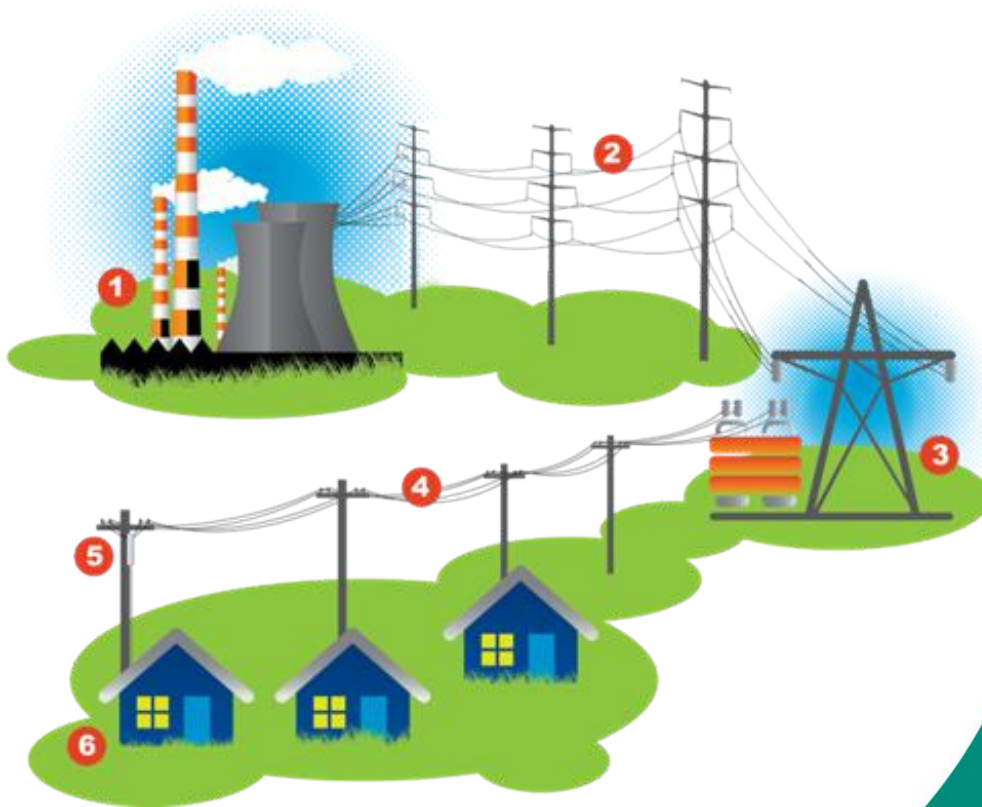
We're bringing you detailed information about an important reliability project in the greater York County area.



PPL Electric Utilities

Transmission: How it Works

Just like a highway system, transmission is responsible for moving electricity quickly and safely over long distances.



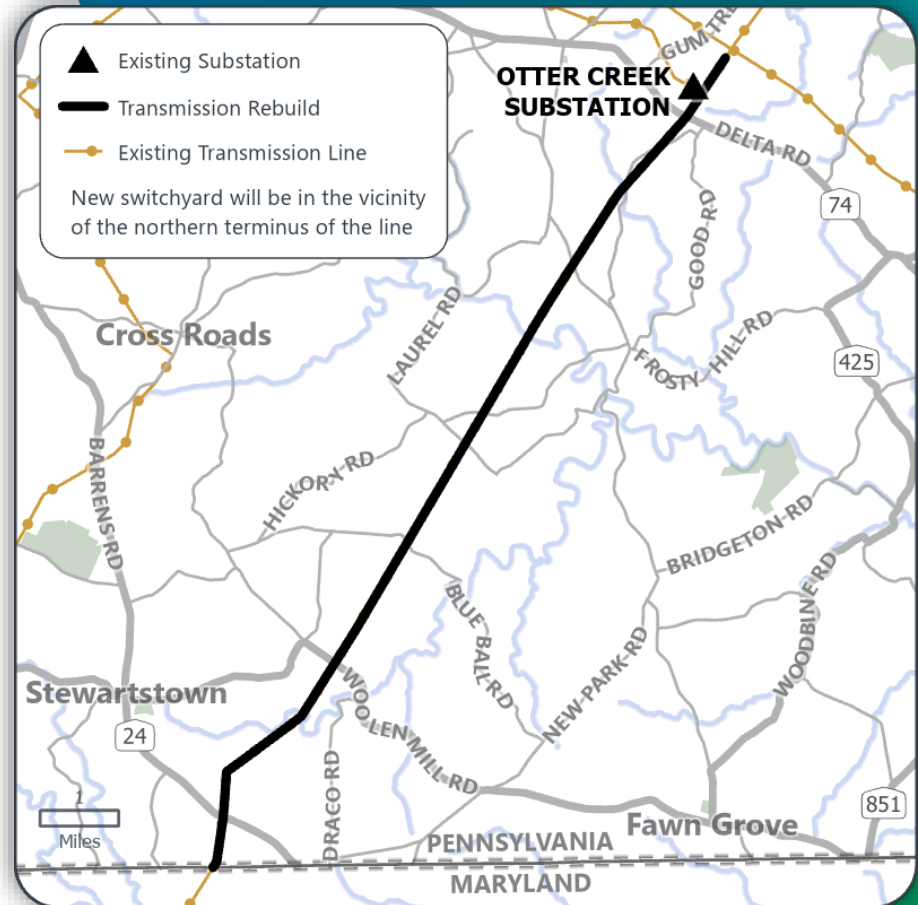
Here's how it works:

1. Electricity is generated at a power plant.
2. Then, it's transported over high-voltage transmission lines.
3. Voltage is reduced by transformers at a substation.
4. Distribution lines transport lower-voltage electricity.
5. Overhead transformers further reduce voltage.
6. And finally, electricity is delivered to homes and businesses.

Project Overview

We're upgrading the existing transmission line between a new switchyard and the Maryland/Pennsylvania state border.

The additional infrastructure will improve reliability for the bulk transmission system.



Project Need

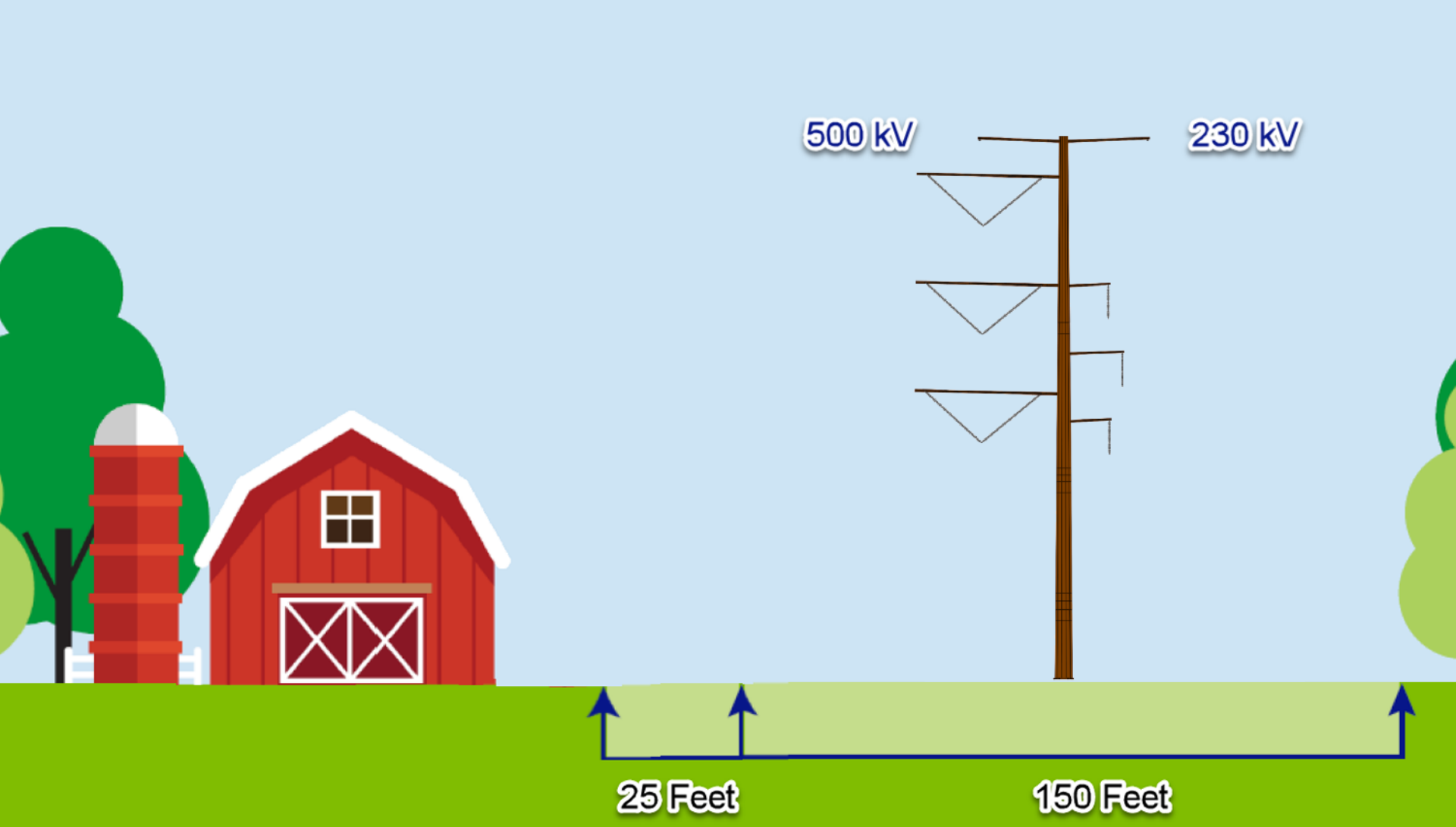
- PJM, the Grid Operator for this area, identified the need for additional 500 kilovolt (kV) transmission infrastructure in southeast Pennsylvania.
- PPL Electric will provide the needed 500 kV source of power by installing a new switchyard and upgrading the Otter Creek – Conastone 230 kV Transmission Line.
- The proposed transmission upgrades will provide additional capacity that will help balance the grid and maintain reliability.

Siting

- Collect information within the project area to make informed decisions
- Engage stakeholders to inform and receive input
- Balance potential effects to the built and natural environments and reduce impacts where practical
- Select the location of the switchyard
- Rebuilt transmission line will be in the same location as existing transmission line
- Submit application to Pennsylvania Public Utility Commission for transmission rebuild

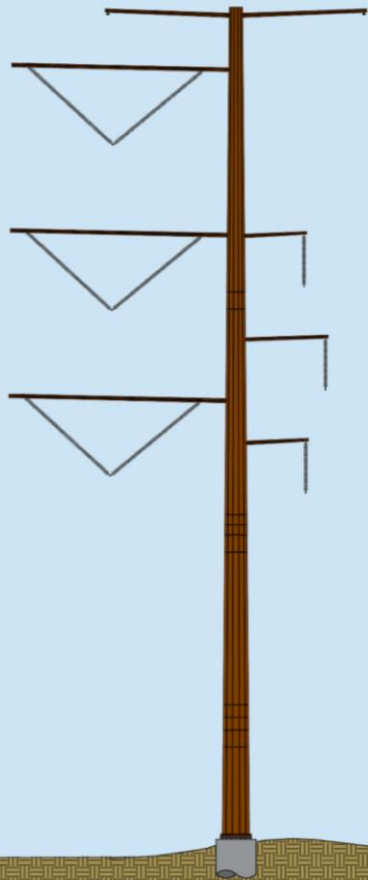
Right of Way

- Easements give PPL Electric the right to construct, maintain, rebuild, and access the existing transmission line. The landowner retains ownership of the property.
- The upgraded transmission line will require expanding the existing right of way corridor by 25 feet.
- PPL Electric will work with local property owners to purchase these rights.
- We will negotiate in good faith and compensate at fair market value when acquiring these rights.



Engineering

Engineering



- The new double-circuit transmission line will be designed and operated at 230/500 kV (one side 230 kV operation, the other 500 kV operation).
- The new 230/500 kV steel poles will closely resemble the current steel poles.
- The new poles will be approximately 20 to 30 feet taller than the current structures.
- Existing facilities will be reused to extent practical.
- Industry standards are followed to limit electrical and audible impacts from the line on the surrounding areas.

Environmental & Permitting Process

Our Commitment

We will work hard to minimize impacts to the natural environments and reduce and control erosion and sedimentation during construction.

We work cooperatively with regulatory agencies, obtain all required permits, and meet all environmental requirements of our permits.

The transmission line construction process will minimize the impacts to environmentally and culturally sensitive resources to the extent practical, including:



*Threatened, endangered
or rare species and
natural communities*



*Wetlands, streams
and regulated
floodplains*



*Historical and
archaeological
resources*



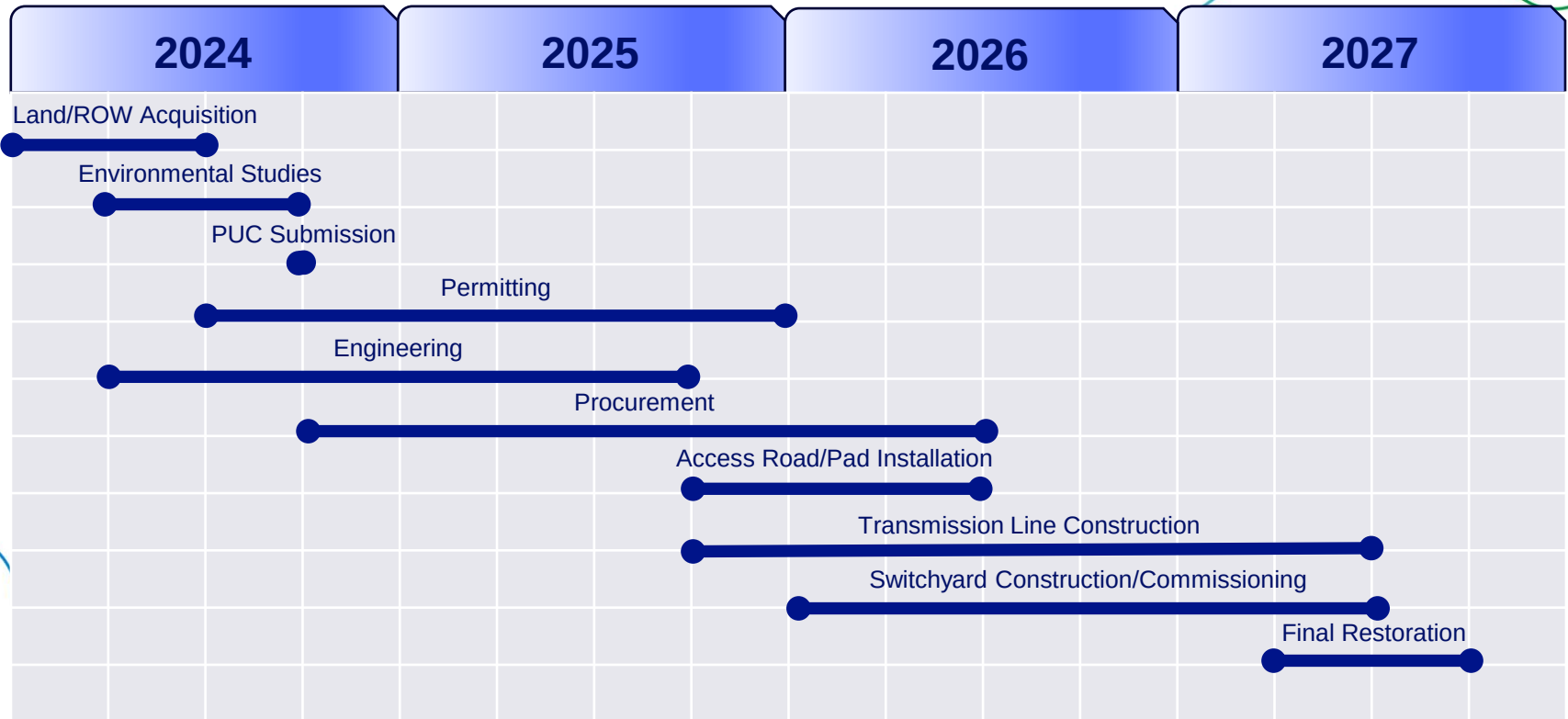
*PPL Electric will
work with
landowners to
reduce potential
inconveniences
during
construction*

Construction Activities

Construction will begin after PUC/regulatory approvals and permits have been acquired and will include the following steps:

- Material delivery and staging.
- Installing erosion and sedimentation controls.
- Installing access roads to the work areas
- Drilling holes, installing foundations, and erecting the new poles.
- Installing the conductor and overhead wires.
- Restoring any disturbed areas.

Project Timeline



How Can I Stay Informed?

Visit www.PPLElectric.com/CollinsvilleProject

Email us at CollinsvilleProject@PPLweb.com