

Energize Eastside: Construction life cycle

Construction of the new 230 kV transmission line will include a number of construction activities. Over the course of the project, work on your property will take place in phases. The construction team may visit your property for up to a few days at a time over several weeks or months before construction is complete. Below is the general life cycle of the project—specific timing will vary depending on construction schedule in your area.



SERVICE PARTNERS



Notification:

Before any work begins, we make attempts to notify all property owners through letters, door-to-door outreach, emails and phone calls.

Introduction meeting/project review:

A meeting is scheduled between the property owner and a Wilson Construction land liaison to introduce the project and discuss construction plans. During this meeting, photos will be taken to document the condition of the property before construction.

Vegetation removal:

Crews will trim or clear vegetation on the transmission line corridor. Vegetation within the transmission line corridor must be managed to comply with more stringent vegetation management requirements for 230 kV lines.

Site preparation:

Crews will stake the transmission line corridor and critical areas and construct access routes to the pole sites.

Foundations:

There are two types of transmission pole foundation construction: embed and pier.

Embed: Drill rig will excavate hole for transmission pole structure. Crews will then place base of structure into hole and pour concrete around.

Pier: Drill rig will excavate hole for transmission pole structure, and a reinforced-steel cage will be placed into an excavated hole. The cage will then be covered with concrete. When the concrete nears the top of the hole, a bolt cage will be placed in hole and concrete will be filled to the top of the forms. The concrete will cure for approximately 7 days before the structure is ready to be installed.

Pole installation and removal of

old poles: The new poles will be erected onto the foundations previously installed. Existing wire will be removed with ropes and then temporarily transferred from the old poles to the new poles. Once this is complete, the old poles can be removed.



Wire stringing:

"Stringing" is the term used for installing new wires along a transmission line. When installing the new wire, specialized vehicles are used to tension the wire. During this phase, crews will be actively working throughout the corridor. Please use caution near the work zone.

Final cleanup:

Once construction is complete in an area, crews will remove equipment and materials from the construction sites and staging areas.

Restoration/replanting:

Crews will restore and replant the corridor as agreed to with the property owner or per permit conditions.

Project Complete

Post-project activities:

In order to meet our permitting requirements, crews will visit the corridor annually for five years after the project is complete to perform environmental monitoring. Additionally, following the project, crews will perform routine vegetation maintenance every year due to more stringent standards for 230 kV lines.

✉ energizeeastside@pse.com

🖥 pse.com/energizeeastside

📞 **Jeff Montgomery Wilson Construction,**

1-800-548-2614 ext. 1