

Westside Upgrade Project



Project Overview

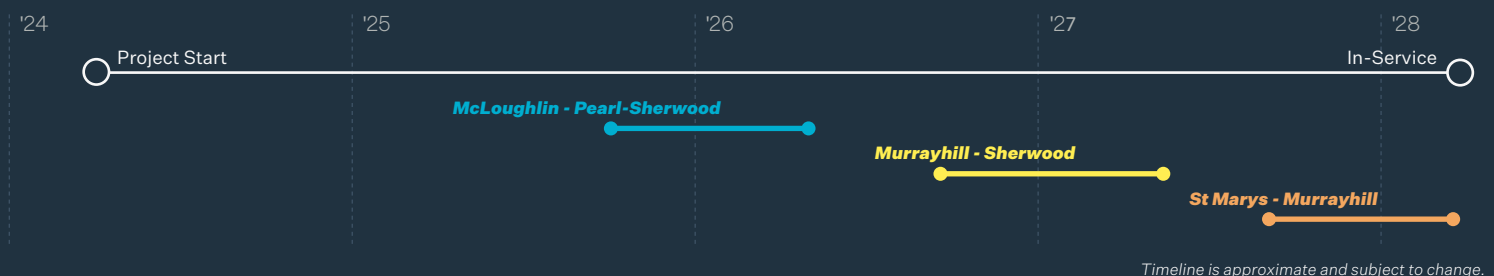
The Westside Upgrade Project will improve grid reliability by increasing the capacity and efficiency of a critical transmission pathway. These upgrades are necessary to accommodate changing energy patterns and stabilize the regional electric grid as more renewable energy flows north from California. When complete, the project will deliver more reliable electricity to PGE customers both today and into the future.

Upgrades include:

- Rewires approximately 15 miles of 230-kilovolt (kV) transmission line with advanced conductor for more capacity
- Modifies or replaces existing poles and towers, and installs new poles where needed, to accommodate the heavier advanced conductor for improved resilience
- Bifurcates 5 miles of 230-k V transmission line for increased efficiency
- Upgrades PGE's Sherwood, Murrayhill and St Marys substations in southeast Washington County for enhanced reliability

All construction will take place within existing easements, ROW or on PGE property. Some activities may temporarily impact surrounding communities, including traffic disruptions. As the project progresses, PGE and our contractors will share updates to keep customers informed.

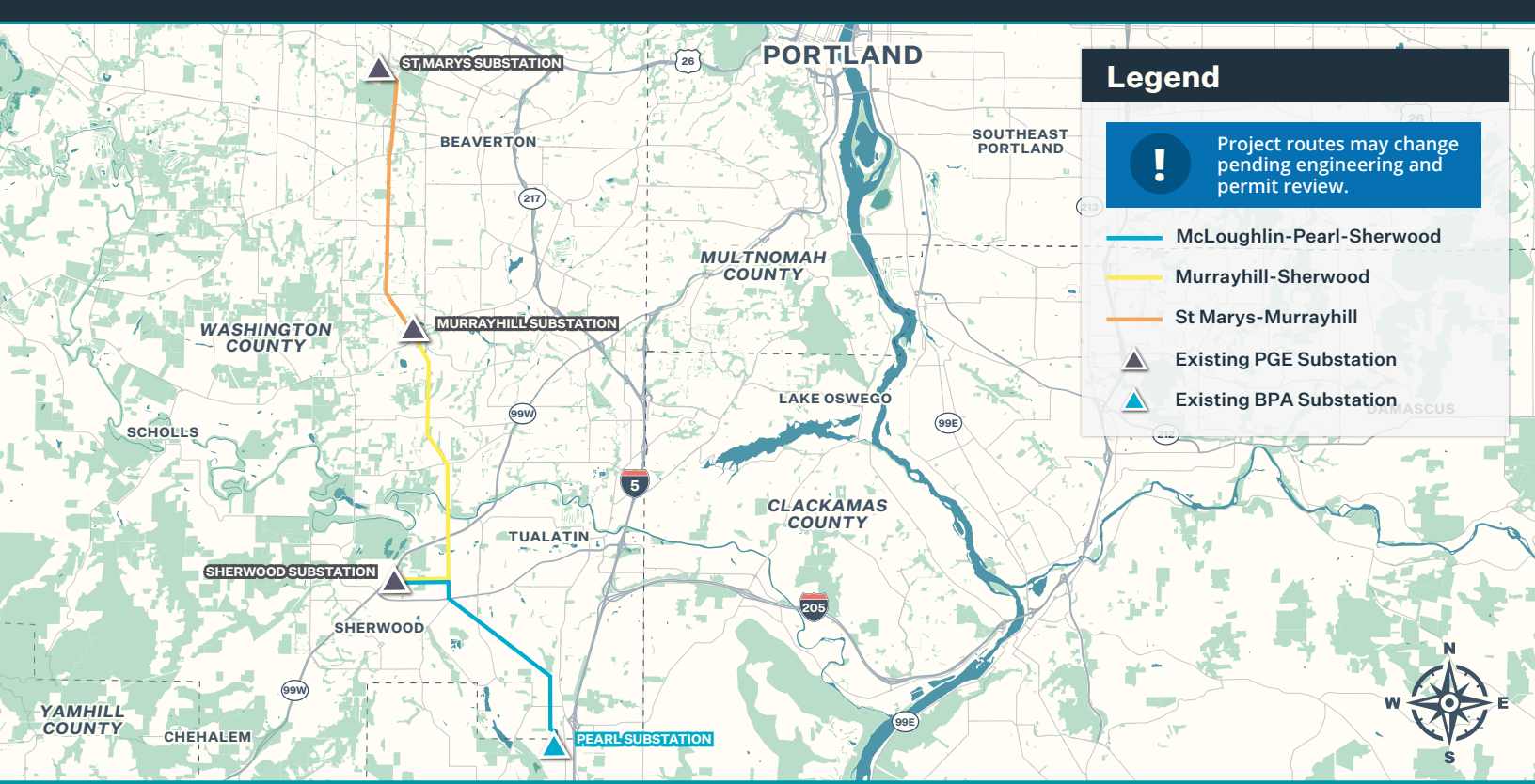
Timeline



Purpose and Need

PGE's grid was originally designed to deliver hydropower generated in the north flowing southward. In recent years, this pattern has changed as more renewable energy generated and stored in the south flows north into PGE's service area. The Westside Upgrade Project will adapt a critical transmission corridor to accommodate this shift, alleviating grid constraints and enhancing system reliability.





Legend

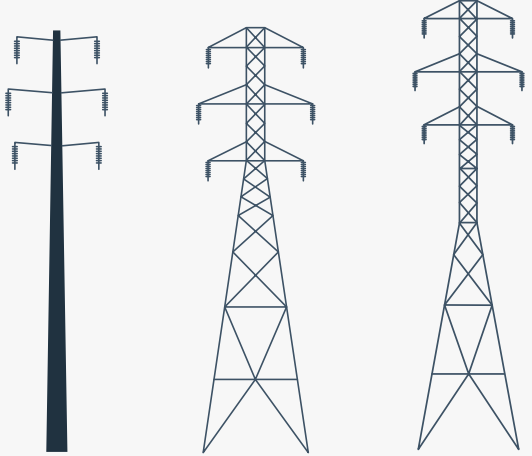
! Project routes may change pending engineering and permit review.

- McLoughlin-Pearl-Sherwood
- Murrayhill-Sherwood
- St Marys-Murrayhill
- Existing PGE Substation
- Existing BPA Substation

Transmission Structures

- Overall changes in appearance will be minimal.
- All structural changes will accommodate new, heavier advanced conductor.
- Current poles and towers may be replaced or modified, most which will remain in the same locations.
- In limited cases, new supplementary structures will be installed where necessary to meet engineering requirements.
- Dependent on location, structure heights may increase up to 15 feet, ensuring proper ground and vegetation clearance.

Examples



Location

Construction activities will take place in Wilsonville, unincorporated Washington County, Sherwood, King City, Tualatin and Beaverton.

- **McLoughlin-Pearl-Sherwood:** The first 5-mile work segment begins in Wilsonville near SW Ridder Road, west of SW 95th Ave., and ends in Sherwood near the intersection of SW Langer Farms Parkway and Pacific Highway W.
- **Murrayhill-Sherwood:** The second 5-mile work segment begins in Sherwood near the intersection of SW Langer Farms Parkway and Pacific Highway W, and ends in Beaverton near the intersection of SW Scholls Ferry Road and SW Murray Blvd.
- **St Marys-Murrayhill:** The third and final 5-mile work segment begins near the intersection of SW Scholls Ferry Road and SW Murray Blvd., and ends near the intersection of SW Jenkins Road and SW Merlo Road, all within Beaverton city limits.

Questions? Comments?

Email: CommunityConnect@pgn.com

Additional information and project updates can be found at:

PortlandGeneralProjects.com/westside-upgrade-project

