

CONSTRUCTION UPDATE

Strengthening the energy grid

West Union system upgrades begin in late summer

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Follow us!



**We'll be working in
the West Union area
starting in late summer**

If you have a question about
how this project may affect you,
contact us at 503-612-3730 or visit
portlandgeneral.com/westunion.

Para ver la información en español sobre nuestro
mejoramiento de West Union, por favor visite
portlandgeneral.com/westunion o llámenos
al 503-612-3730.

Portland General Electric
121 SW Salmon St.
Portland, OR 97204

CONSTRUCTION UPDATE

We're building a new substation and upgrading power lines to improve service

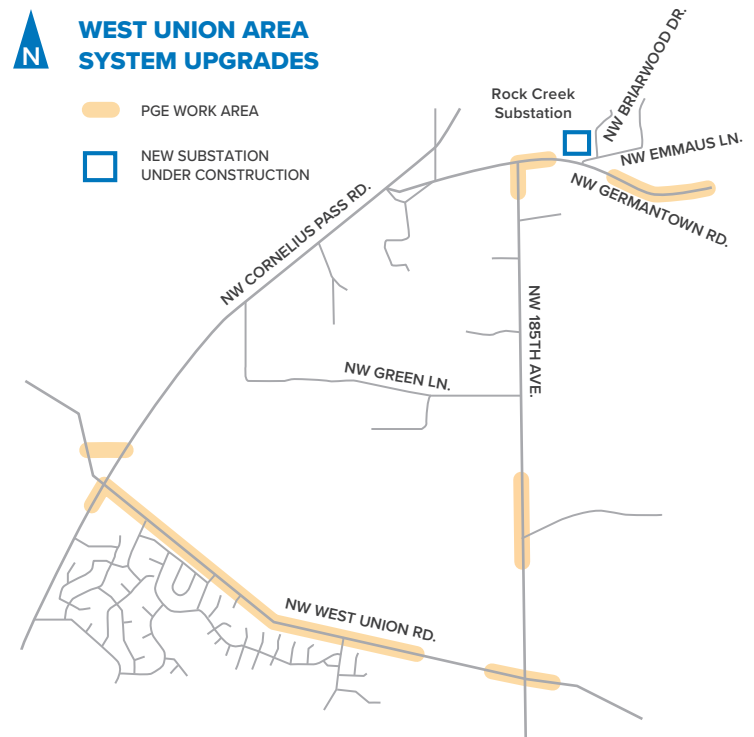
As we work toward Oregon's clean energy future, we're strengthening the energy grid to make it smarter, more efficient and more reliable for you. Among our many projects, we're building a new substation and upgrading our lines and poles in the West Union area. These improvements will strengthen the reliability and resiliency of the neighborhood grid.

Construction schedule for pole and line work:

- 9 a.m. to 3:30 p.m., Monday through Friday
- Late summer 2019 through spring 2020

This schedule may change based on the needs of the project. While not anticipated, weekend and night hours may be required at times.

If you have a question about how this construction may affect you, contact us at 503-612-3730 or visit portlandgeneral.com/westunion.



What can you expect during this work?

- Currently, we are building the new Rock Creek substation located at the corner of Northwest Germantown Road and Northwest Emmaus Lane. We anticipate completing the new substation in early 2020.
- To install wooden poles, we'll cut into the shoulder lanes and sidewalks. Once the installations are complete, we'll repair the sidewalks and roads.
- In some areas we're installing cement foundations for larger metal poles to support transmission lines, which are at a higher elevation.
- Laying the cement foundations will involve multiple steps, including digging with heavy equipment and pouring concrete.
- Multiple crews may be working in different work areas at the same time.
- At times, we may need to park some equipment on the street overnight.

We're taking steps to ensure your safety. Here's how you can help:

- **Watch for temporary lane and road closures.** Allow for extra time commuting through these areas.
- **Follow directions from any flaggers, detours and signs** used to keep drivers, cyclists, pedestrians and crews safe.
- **Please avoid all work areas and equipment,** and make sure children know to never touch the equipment.

Building a brighter energy future for you

These new lines will boost reliability to reduce the risk of outages, keep pace with growth in our region and help improve overall system operations for all customers. This is just one of many projects we're working on to enhance and modernize the energy grid, making it smarter and more resilient, and creating a platform for a clean energy future.

Thank you for your patience as we strengthen the energy grid.