

Strengthening the energy grid

We're planning key system upgrades to support a growing Hillsboro

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. Our efforts include an important, five-year Hillsboro reliability project that will involve upgrading power lines and substations throughout the city. Here's a quick overview of this critical project, which is set to launch this year.



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Sustaining Hillsboro's role as an economic engine for Oregon

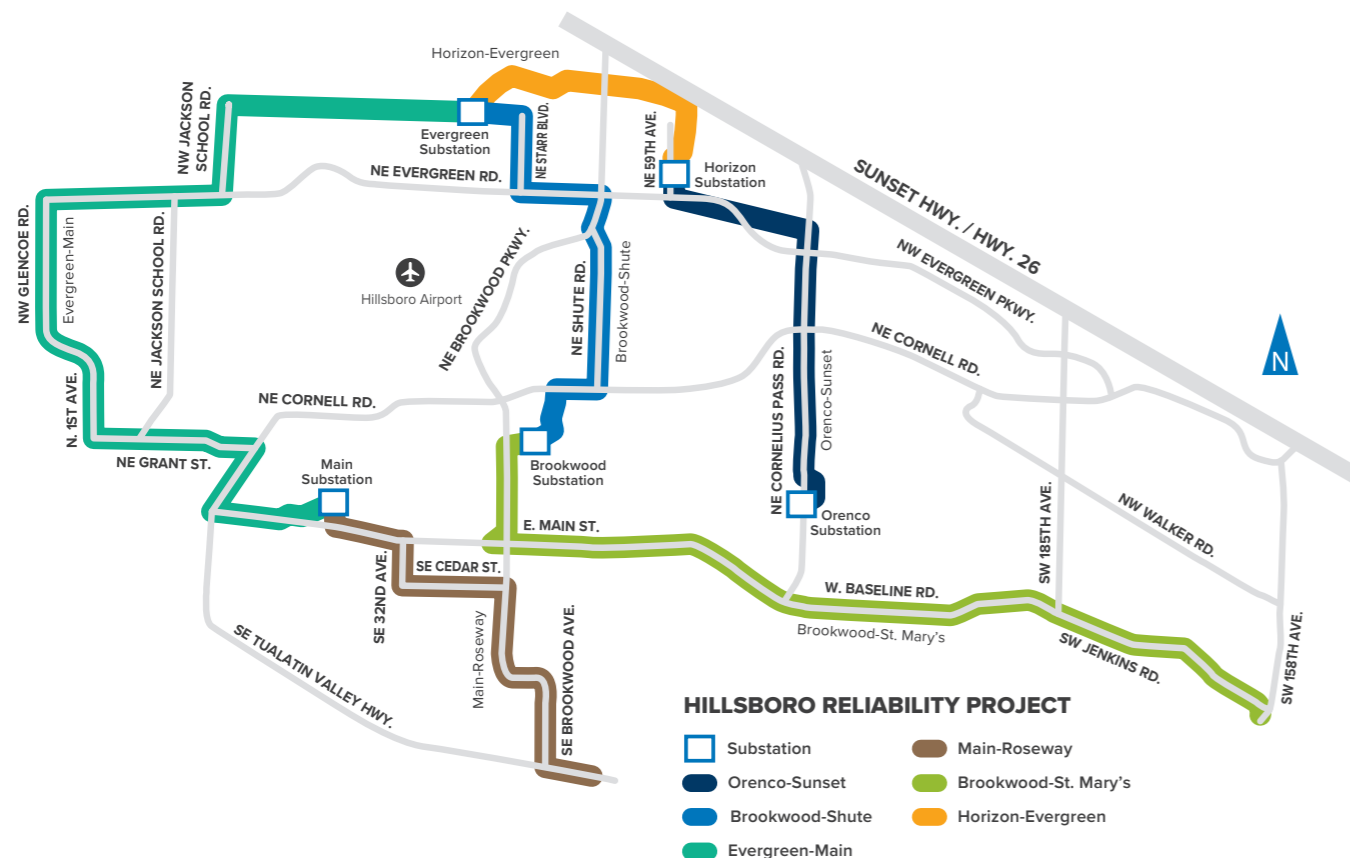
Hillsboro is projected to grow significantly in the next 15 years, with new homes and businesses as well as high-tech facilities. All of that growth means the city is going to use a lot more power. The Hillsboro reliability project will support this growth and ensure reliable service for years to come. It's just one of many projects we're working on across our service area to enhance and modernize the energy grid, making it smarter and more resilient, and creating a platform for a clean energy future.

Here's where we'll be working

We're planning eight unique projects as part of this regional system improvement effort.

The proposed work will include:

- **Upgrading the Brookwood substation** on Northeast Elam Young Parkway
- **Constructing two new transmission lines** to the Brookwood substation
- **Upgrading the Main substation** on Northeast 24th Avenue
- **Constructing two new transmission lines** to the Main substation
- **Rebuilding the Orenco substation** on Northeast Quatama Street
- **Upgrading the Sunset-Orenco transmission line**
- **Constructing a new substation**, called Evergreen, on Northeast Constable Street
- **Constructing two new transmission lines** to the Evergreen substation



Planning and permitting are underway

A project of this scale requires substantial coordination before we can begin construction. We're working closely with the City of Hillsboro, Washington County, TriMet and Clean Water Services to make sure we address all permitting, land use, environmental, traffic and safety issues. We'll also give advance notice to residents and businesses.

What you can expect during the Hillsboro reliability project

This is a large, multi-phased construction project, and you'll see our crews working in various parts of Hillsboro over the next five years. This is what you can anticipate:

- **We expect construction to begin in September 2019** with the Sunset-Orenco transmission project and to continue through 2023.
- **We'll be working in different areas during different periods.** Each of the eight sub-projects (listed at left), will have its own schedule and permits. Specific schedules will be announced as we move forward with the work. When construction is slated for your neighborhood, we'll notify you in advance through mailers, social media, signage and outreach to neighborhood associations.
- **Crews will usually be working between 7 a.m. and 5 p.m., Monday through Friday.** While not anticipated, weekend and evening hours may be needed at times.
- **At times, partial lane closures or detours may be required** for the safety of drivers, bicyclists, pedestrians and workers.

Safety first, always

We will take steps to ensure your safety — as well as that of our workers and contractors — during our construction projects. Here's how you can help:

- **Watch for temporary lane closures and "no parking" signs** that may be needed to ensure safety. Allow extra time or consider alternate routes for commuting through these areas.
- **Follow directions from any flaggers, detours and signs** placed to keep drivers, pedestrians and workers safe.
- **Please avoid all work areas and equipment**, and make sure children know to never touch the equipment.

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

For project updates, visit portlandgeneral.com/hillsbororeliability.

If you have questions about how this project may affect you, please call us at 503-612-3730.

Para obtener información en español, por favor llame al 503-612-3730.