

Improving electric reliability in East Bellevue



Construction to begin on new Lake Hills-Phantom Lake 115 kV transmission line

January 15, 2020

Dear Neighbor,

Puget Sound Energy (PSE) will soon begin construction of a new 115 kilovolt (kV) transmission line between the existing Lake Hills (701 164th Street) and Phantom Lake (1607 156th Avenue SE) substations. This project will improve electric service reliability for more than 12,000 residential and commercial customers in the Crossroads, Robinswood, Lake Hills, Eastgate, College Hills and Phantom Lake neighborhoods of Bellevue.

The Lake Hills, Phantom Lake and College substations are currently each served by a single transmission line. If the line serving these substations experiences an outage or requires maintenance, all customers served by that substation lose power. Per current design and operating standards, each electrical substation should be served by two transmission lines, creating redundancy. If one transmission line loses power, the other can pick up the load and keep the lights on. The Lake Hills-Phantom Lake 115 kV transmission line project will provide needed redundancy to the Lake Hills, Phantom Lake and College substations, improving electric service reliability for you and your neighbors.

Project details

Who: Crews from PSE, Potelco and Asplundh

What: Installing a new 115 kV transmission line

Construction is expected to occur in three phases:

Phase 1: Vegetation removal

Phase 2: Pole and wire installation

Phase 3: Landscaping and restoration

When: Construction: January-June 2020

Landscaping and restoration: September-December 2020

Typical work hours: Mon-Fri: 9 a.m. to 3 p.m. | Sat: 8 a.m. to 6 p.m. | Sun: 9 a.m. to 6 p.m.

Where: Portions of NE 8th Street and 148th Avenue SE (see map)

What you can expect

- Traffic control flaggers will guide vehicles and pedestrians safely through the work zone.
- Traffic impacts, including lane closures and potential detours to decrease traffic delays.
- Crews will maintain access to driveways whenever possible, in coordination with impacted neighbors.
- Typical construction noise from trucks and heavy machinery.
- Vegetation removal, landscape design and replanting. If vegetation removal or trimming is required on your property, crews from Asplundh will coordinate with you directly in advance.
- You'll notice temporary patches in the sidewalk after crews have installed the new poles. These temporary patches will remain until a contractor crew returns to complete the final sidewalk restoration. The restoration schedule is dependent upon weather, permitting and crew availability.

PSE is proud to serve in your community and aims to complete the work with minimal disruption. If you have questions about our work, please contact me and reference project **#111009826**. Thank you for your patience while we complete this important work.

Sincerely,

Bob Parker, Senior Project Manager
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pse.com/lakehills-phantomlake

Lake Hills-Phantom Lake 115 kV transmission line

Project route corridor

Route segment

Switch

Existing transmission line

Existing substation

