

April 2018

improving your **ELECTRIC SERVICE** ▶▶▶



Improving electric reliability and capacity in southeast King County and east Pierce County

Electron Heights to Enumclaw 55 kV to 115 kV conversion projects

To increase reliability and meet growing customer demand for power, PSE is upgrading the existing 55 kilovolt (kV) substations and transmission lines between Electron Heights and Enumclaw to 115 kV.

The multi-year projects began in 2009 by upgrading over 20 miles of transmission lines to 115 kV wire. Other projects include installing roughly 1.5 miles of new transmission line in Enumclaw; converting, upgrading or completely rebuilding five substations; converting the voltage of the upgraded lines to operate at 115 kV and adding a fiber-optic line.

Current project (2018)

The current project will build roughly 1.5 miles of new 115 kV transmission line from a point outside the Enumclaw substation (on Railroad St), along Garrett Street (same route as existing distribution line), to a point on the existing 55 kV transmission line just south of Stevenson Avenue (See map). This new line will operate at 55 kV until other projects in the region are completed.

Property easements will be required from some property owners along the alignment. PSE will reach out to those property owners through certified letter.

Transmission lines

Transmission lines are key links in the electrical distribution process. These lines safely transport high-voltage electricity from power sources, including hydroelectric dams and wind farms, to substations in local communities. Transmission normally takes place at voltages of 115 kV and higher. Transmission lines supply high-voltage power to substations where the power is then transformed to lower voltages that can be distributed to communities where it is transformed to even lower voltages before it is safely distributed to customers.

Our commitment

PSE works hard to minimize the impacts of the development of critical electric infrastructure and takes great care in balancing those impacts with our customers' need for safe, dependable power.

We will continue to keep you informed of scheduled activities in your area.

For more information on the project, please visit pse.com/enum115conversion or contact me at:

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