



September 2009

Puget Sound Energy to upgrade electrical system in Bonney Lake, Orting/central Pierce County

What is the project?

Puget Sound Energy plans to construct two 115 kilovolt (kV) transmission lines on wood H-frame poles from our existing 115 kV transmission lines at 178th Avenue NE near Highway 410 to our Alderton substation (located at 14450 Old Military Rd. in Puyallup). The new transmission line will run approximately 3.2 miles and parallel to the existing Bonneville Power Administration (BPA) lines (see map below).

Why is PSE building a new transmission line?

PSE is building the new transmission line to increase the reliability and capacity of the electric system in the Bonney Lake, Orting/central Pierce County area. Currently, our existing transmission line between White River substation and Electron Heights substation has limited capacity and redundancy, meaning if the line serving the substation goes out, the substation and the customers served by it may lose power. The new transmission line will interconnect with existing transmission lines to serve as a back up. So, if one line goes out the other line will still feed the substation and electricity to customers in the area.

How will this benefit you and your community?

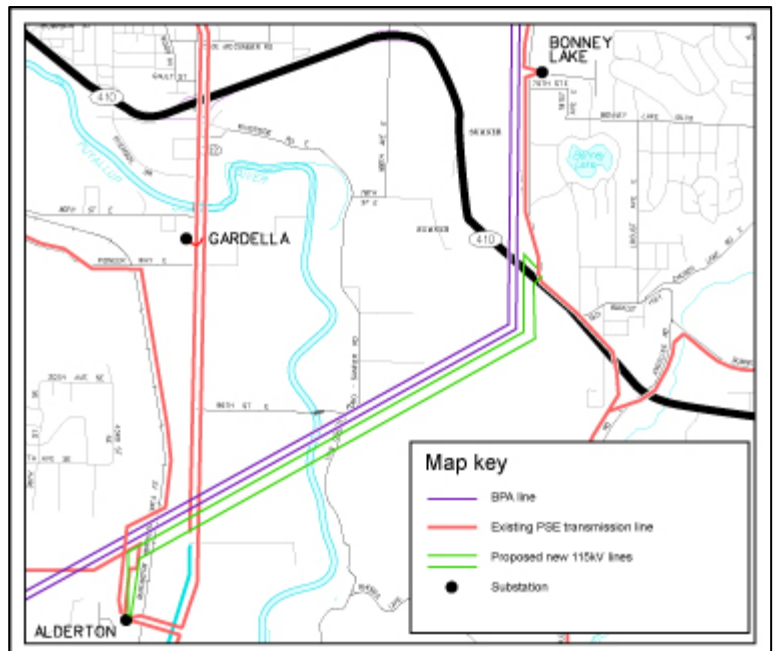
The new transmission line will increase electric delivery capacity and reliability to customers in the Bonney Lake, Orting/central Pierce County area.

What will the work entail?

- Trimming and removing vegetation along the route
- Installing new transmission poles and insulators
- Stringing transmission line
- Site restoration, including landscaping

Project schedule

- Planning and surveying: 2009
- Design and permitting: winter 2009 – spring 2011
- Construction: summer 2011
- Completion: fall/winter 2011



Construction will be confined to normal daytime working hours during the week, with the possibility of some work on Saturdays. The majority of the work will be in roads along public rights-of-way or along the existing BPA corridor. When working in or along roads, signs and flaggers will help direct traffic.

What can I expect to see or hear during construction?

Typical construction equipment will be used, including back hoes, cranes, bucket trucks, and work trucks. Construction will involve vegetation removal and installation of new transmission poles and conductors.

Why are transmission lines necessary?

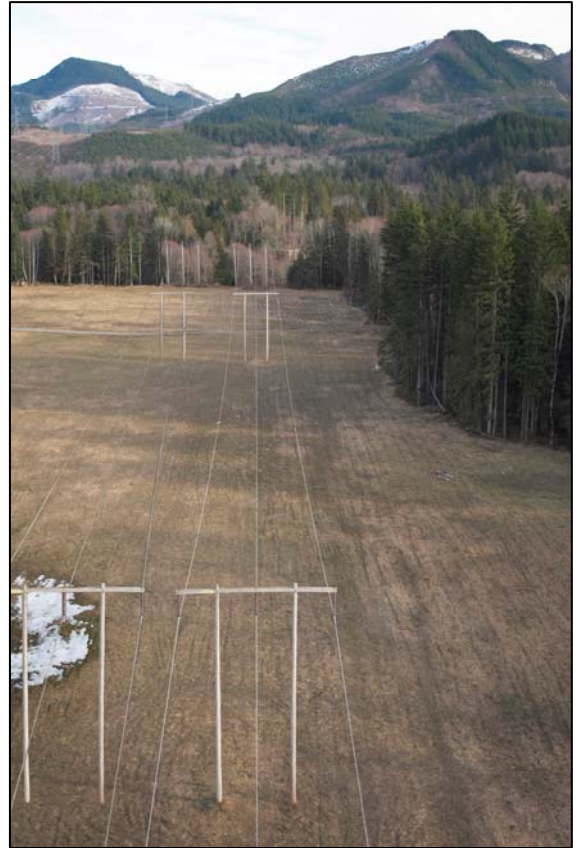
Transmission lines are key links in the electrical distribution process. The lines safely transport high voltage electricity from power sources, including hydroelectric dams and wind farms, to substations in local communities. Transmission normally takes place at voltages of 115 kV and higher. Transmission 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 lower voltages yet again before it is safely distributed to customers.

PSE's commitment

PSE remains focused on our vital mission to provide essential energy to our customers. At the same time, the company works hard to keep people informed of scheduled activities in their communities, and to ask for suggestions and opinions as those activities are being planned.

For additional information/questions please contact:

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Side by side wood H-frame poles