

FACT SHEET NORTH SHORE CHELAN SUBSTATION



WHAT & WHY

Chelan County PUD has been working closely with the community since 2015 to construct a new substation on the north shore of Lake Chelan, between Chelan and Manson. The two existing substations serving that area, Union Valley and Wapato, are nearing capacity. In November 2017, the PUD, along with community input, selected a site off Henderson Road for the new substation.

SITE SELECTION

In 2015, the PUD started working with the community and a Focus Group of stakeholders to evaluate 18 potential sites for the new substation. Based on operational and aesthetic considerations, staff and the Focus Group narrowed those sites to two alternatives: one off Boyd Road, 2.3 miles from the intersection with SR150, and one off Henderson Road. Staff presented the final evaluation of the two sites based on community



Henderson Road site

input and operational decision criteria and selected the site off Henderson Road as the preferred location. In November 2017, PUD Commissioners approved moving forward with purchase of the Henderson Road site.

TIMELINE

The North Shore Chelan Substation will enter the design phase in 2019. Construction is scheduled to start in 2020, with the substation energized in 2021.

NORTH SHORE CHELAN SUBSTATION TIMELINE



Over

COMMUNITY OUTREACH

The PUD is committed to involving the community in the substation design process. During the design phase, the PUD will establish a Design Advisory Committee (DAC) that will represent the neighboring property owners. The DAC will help the PUD understand what the stakeholders value in the design of the substation, including landscaping, lighting, general aesthetics, and more. Through this process, we will develop design principles that PUD staff and the consultant can use through the design phase.

HAVE QUESTIONS?

Website:

chelanpud.org/northshoresub

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What is a Substation?

Distribution substations are an important part of the electrical system that helps provide reliable energy to Chelan PUD's customer-owners. Substations reduce high-voltage electricity from transmission lines down to a voltage that is appropriate for residential and commercial use. The PUD has 34 distribution substations located strategically throughout our service territory – in rural, commercial, and residential areas.

The PUD models how much growth might occur in the near and long-term future, where that growth might take place and its anticipated impact to the electrical grid in Chelan County. As an area grows and electrical demand increases, the substation serving that area may reach capacity, and the PUD will site and construct new infill substations to serve the increased demand.