



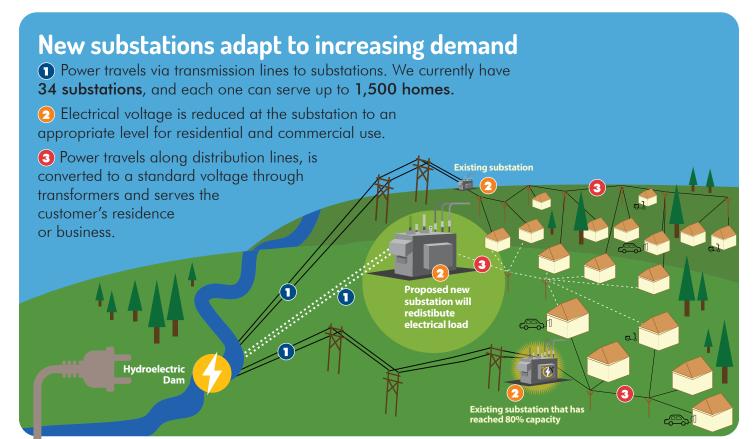
Chelan PUD 50-year visionour plan for resilient and reliable power generation

Planning to Power — all the way to 2075

Substations are an integral part of Chelan PUD's electrical power system, bringing together generation, transmission, and distribution, so that electricity can reach our **50,000 customers**. In partnership with the community, we created the

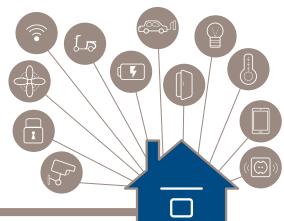
Substation Program to systematically manage how the PUD plans, acquires and builds new substations.

Just as Chelan County must adapt to increasing demand and growth in our communities, the PUD will continue to light the best path forward to serve our customer-owners. To meet modern electricity usage and maintain reliable service to our growing/dynamic community, the PUD plans to build 15 new substations over the next 10 years.

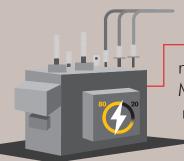


Modern increased energy needs:

- ↑ Residential occupancy home office, remote work, rentals
- ↑ Growth and development
- ↑ EV and Electric Charging (Electric and Hybrid vehicles, bikes, scooters, etc.)
- ↑ Household Appliances
- ↑ Technology & AI
- **↑** Entertainment
- ↑ Home Office
- ↑ Heating & Cooling
- **↑** Devices



WHEN is a new substation needed?



When an existing substation is consistently reaching 80% capacity, it triggers the PUD to begin looking into the need for a new substation. The PUD refers to this as an 80/20 Model and it initiates the process of identifying a location for a new substation and the associated transmission and distribution lines, in order to continue resilient and reliable service.

To meet increasing energy demands, Chelan PUD is planning to build 15 new Substations over the next ten years. Here's our plan for expanding resiliency to safekeep our investments. This is how you help us get there.

Phase	I — PI	LAN
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Phase II — ACQUIRE

Phase III — BUILD

Typical timeline*

What the PUD

does in each

phase

Years 0-2

• Identify the need for new substations through forecastina electrical

load growth.

• Using the 80/20 Model and community engagement to locate potential sites.

Years 2-4

- Identify and narrow potential sites using site evaluation criteria where additional electrical capacity is needed.
- Acquire property, easements and permitting and perform feasibility and due diligence.

Years 4-5

- Design the substation components.
- Procure equipment and perform construction.
- Energize and connect customers to the new substation.

How the PUD partners with the community

Inform:

• We will inform the public through community meetings, mailers, emails, media and website.

Involve:

• We will involve impacted stakeholders in the site selection process through a series of meetings and communications.

Consult:

• We will consult impacted stakeholders during the design process through a series of meetings and communications.

In partnership, our promise to you

- We will provide you with balanced and frequent information.
- We will ensure stakeholder feedback is considered and reflected in decision making.
- We will listen to and acknowledge concerns.**



^{**}A Substation Program project's priority may shift once it begins the Planning or Acquire phase. The timing shown represents the average period of time within each phase, however, there may be idle periods in between phases which can extend the overall length of time to advance fully from Planning to the Build phase.

^{**}Chelan County PUD uses principals developed by the International Association of Public Participation (IAP2).