

The Electric Power System

The Electric Power System is divided into generation, transmission, and distribution. In Chelan County, electrical power is generated at one of the PUD's three hydroelectric projects. Power moves across large transmission lines to a transmission switchyard where electrical voltage is reduced by transformers. The power then travels along smaller transmission lines to a local substation where the electrical voltage is reduced to an appropriate level for residential and commercial use. Finally, power travels along distribution lines and is converted to a standard voltage through transformers and into the customer's residence or business.

