

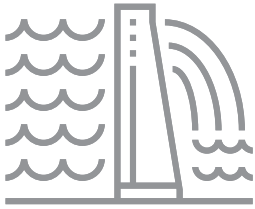


# THE WIRE

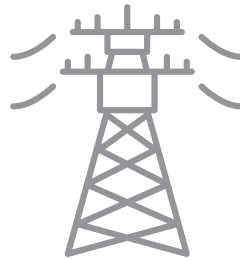


JUNE 2023 / [SNOPUD.COM](http://SNOPUD.COM)

## Batteries Included



Energy is generated at a power plant. As a PUD customer, hydropower makes up 84% of your power supply.

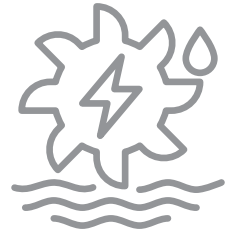


Transmission lines carry high-voltage electricity from a generating source to a substation at the local level.

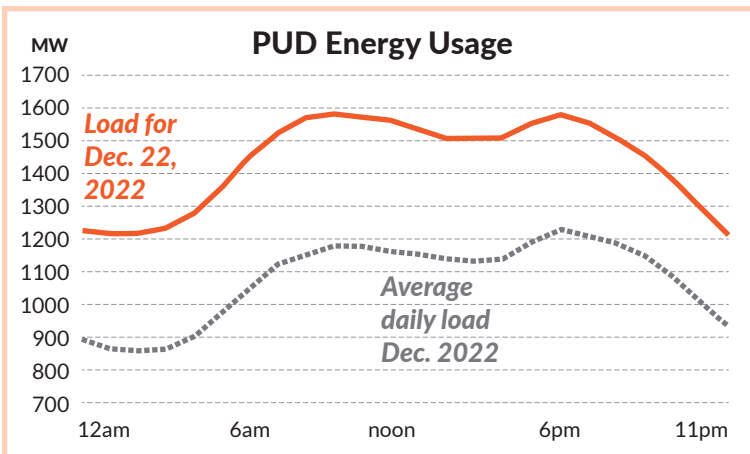
Lithium-ion batteries can be charged with cheap and clean power when demand is low – for example in the middle of the night – then discharged to help meet high demand during peak-usage times.



Pumped hydro storage uses a reservoir, water and gravity to store energy the same way a battery does. When energy is cheap, water is pumped uphill to a reservoir, to be discharged back down the hill through turbines when power is in high demand.



## The problem we're trying to solve



**We must ensure we can meet demand on the coldest and hottest days of the year when energy demand spikes.**

A 25 MW energy storage project has the ability to serve 20,000 average homes for an hour during times of peak demand.

## The many uses of energy storage

- ♦ **Load shifting:** Energy storage allows users to bank energy when it's abundant and more affordable to use at times of high expense/demand.
- ♦ **Renewable integration:** Energy storage can fill the gaps when renewable energy sources such as wind and solar may not be producing – like times of calm/darkness.
- ♦ **Emergency backup:** Energy storage can keep the lights on during power outages and make building microgrids based on renewable energy – like our Arlington Microgrid – feasible.

# Meet Suzy Oversvee, Senior Project Manager

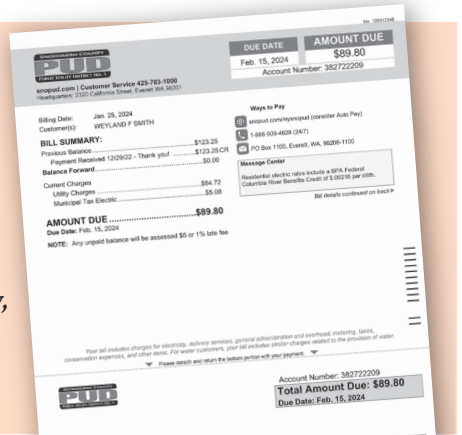


Not afraid to tackle a project new to the PUD, Suzy is a pioneer in the energy world. Her dedication and tenacity have been crucial to completing projects like the PUD’s first-ever Community Solar program and installation of the first DC fast chargers in downtown Everett this past year.

*“I love and appreciate working with so many thoughtful, creative, passionate and patient teammates who volunteer their time and expertise to drive positive change at the PUD and in our community.” – Suzy*

## New PUD Bill Coming!

We listened to PUD customers to improve our bill layout, which we are transitioning to this month. Most pertinent information will be displayed higher up, with detailed info moved down or to the back. Consistent text and icon use will improve readability, making it easier to find what you need. For more information, visit [snopud.com/newbill](https://snopud.com/newbill).



## Your Energy Sources

Hydroelectric	84%
Nuclear <sup>1</sup>	11%
Solar	0%
Wind	2%
Unspecified <sup>1</sup>	4%
Total	100%



Total may exceed 100% due to rounding. <sup>1</sup>BPA-supplied.

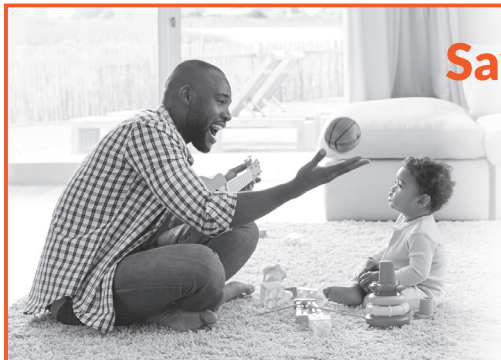
Your energy is some of the cleanest in the nation! Learn more at [snopud.com/clean-energy](https://snopud.com/clean-energy).

## Community Offices Extend Hours

Our offices in Lynnwood, Monroe and Arlington are now open Monday-Friday, 8 am to 5 pm, to make it more convenient for customers to pay their bill or talk to a customer service representative. Stanwood and Snohomish offices remain closed.



## Save up to \$100 per window!



Insulated windows and sliding glass doors can work wonders for your family’s comfort and long-term energy savings.

Your PUD has savings worth looking into for your electrically heated home! Learn more at [snopud.com/weatherization](https://snopud.com/weatherization).



Customer Service: 425-783-1000  
Monday-Friday, 8 am–5:30 pm  
1-877-783-1000 outside Everett and in Western Wa.  
Visit us online at [snopud.com](https://snopud.com)

Pay your bill:  
1-888-909-4628  
or online at  
[MY.SNOPUD.COM](https://MY.SNOPUD.COM)