

Current

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FALL 2025

Destination 2049



INSIDE:

A Message From
Your Commissioners

Working Toward
the Future

Conservation
Sensations

Powering the Grid

Perfect Power

Smart Grids

A Message From Your Commissioners

Looking back 25 years, your PUD Board of Commissioners grappled with the same issues they're tackling today: concerns around adequate sources of power, keeping rates affordable, a new contract with Bonneville Power Administration (the source of 75% of our power), changing energy markets and dramatic changes in energy conservation.

What big decisions will the commissioners be making in 2049 when your PUD turns 100? They will likely be very similar to those we're making today. What makes public power so different is that your elected board can shape the PUD to meet those changing needs. Our mis-

sion will always be to deliver reliable, affordable and sustainable power and water to our customers.

As your publicly elected Board of Commissioners, we take this mission very seriously. But it goes beyond delivering utility services. As proud community members, we believe in the power of connection. This year, we've continued to strengthen our ties to our customers and communities through events like the Energy Block Party, our educational outreach programs, facility and infrastructure tours and more. These gatherings aren't just about education – they're about listening, learning and celebrating our customers and partners.

We are proud of our history of public service and look forward to a bright future serving you – our customers. Together, we'll continue to shape a PUD that reflects the strength and spirit of Snohomish County and Camano Island.



Commissioners left to right: Julieta Altamirano-Crosby (Secretary), Tanya Olson (Vice President), and Sidney Logan (President)

Engage with Your Commissioners

Visit snopud.com/commission for board meeting info and virtual attendance links. Meetings are held twice monthly at our Everett HQ, 2320 California St.

Working Toward the Future

Last year we celebrated 75 years of public power in Snohomish County and Camano Island. It's a legacy we should all be proud of.

In these pages we explore what the PUD might be like when we celebrate our 100th anniversary. Be assured that our mission remains rooted in a customer experience that is bold: to be the utility that delights our customers so much that they would choose to do business with us no matter what.

I am excited for the future. Emerging technologies, innovative programs and new services will change how we deliver electricity and water in a world of evolving expectations. That looks like enhanced digital experiences that serve your needs quickly and efficiently, a modernized grid that works to self-heal and restore power quicker

than you can imagine, and an energy portfolio that's so clean you'll brag about it to your friends.

I'm especially proud of our employees who never stand still – they lead with innovation and a drive to make things better. In the past few years, we've installed 100,000 advanced electric and water meters (page 6) with another 300,000 to be installed over the next few years, locked in funds to help us create a smart grid in five years, not 20 (page 7) and recently negotiated a new contract with Bonneville Power Administration that will save us millions in avoided peak energy costs.

We know the challenges ahead are complex: accelerating climate change, shifting energy demands and rapid technology adoption, among others.

John Haarlow,
PUD CEO/
General
Manager



At the PUD, though, we see opportunity. With thoughtful planning, strong partnerships and a full embrace of change, the PUD is shaping a future where we will continue to deliver exceptional value, energize life and empower our communities.

Our Strategic Plan guides us. But it's more than our commitment to deliver power and water, it's also about building a PUD that is resilient, responsive and ready for the future. I can't wait to see what's in store!

Read more on the PUD's Strategic Plan at snopud.com/strategy

EnergyTalk

Otter-ly Crazy about Our Water Utility

The PUD's Water Utility is turning 80 next year! Before electricity, we were a water utility – and today, the Water Utility serves 23,000 customers across nine systems. To mark the occasion, we're introducing Splash the Otter, our new Water Utility mascot. Stay tuned for water-saving tips and more from our favorite new critter!



Drop in this Winter and Say Hi!

Join the PUD at community events this winter! Learn how to prepare for winter storms, manage winter energy costs and visit with Team PUD folks.

- **Holiday on the Bay:** Dec. 6 at Port of Everett Waterfront
- **North Camano Substation Ribbon Cutting:** Dec. 11, noon to 1pm, 531 E. North Camano Dr., Camano Island (across from Freedom Park)

Congratulations TREE Power Recipients!



The PUD's Tree Relief for Energy Efficiency (TREE) Power program provides funding for tree-planting projects in public spaces and urban areas. The goal is to promote energy efficiency by reducing heat retention of buildings and pavement and, ultimately, lessen the need for air conditioning. Congrats to our 2025 grant recipients:

- **City of Stanwood:** Heritage Park Loop Trail Parking
- **City of Everett:** Phil Johnson Ballfields Tree Planting
- **City of Arlington:** Centennial Trail Tree Planting Project Phase 2
- **City of Marysville:** 3rd Street Tree Planting Project
- **Snohomish County Dept. of Conservation and Natural Resources:** Evergreen Fair Park Tree Planting and Replacement

Contents

Page 4

Destination 2049

- » Conservation Sensations

Page 5

Destination 2049: Powering the Grid

Page 6

Destination 2049: Perfect Power

Page 7

Destination 2049: Smart Grids

Page 8

Keeping Your Neighbors' Lights On

- » Community Energy Run in Lake Stevens



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Energy Hotline
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Current  Fall 2025 3

Destination 2049

What will our world look like in 2049? At the PUD, we are working now to ensure we can deliver on our promise to provide the essential utility services to help our communities thrive. Over the next four pages, we've highlighted fun ways we *may* be fulfilling that mission when we celebrate our 100th year. One thing is certain: we can't do it without you – our customers!

Conservation Sensations

In the future, home lighting might automatically adjust based on time of day and amount of natural light to save money.

One day, you might use virtual reality to meet with a PUD expert for an energy-efficiency audit to identify spots in your home for weatherization and lower bills.

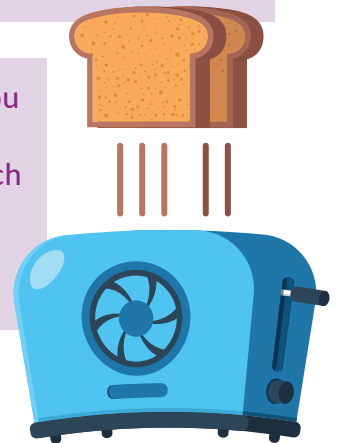
Using data from your advanced meter, the PUD could employ the voice and hologram image of a familiar actor – think Morgan Freeman – to let you know it's time to put on your sweater and lower your thermostat to save money.

One day, a game on your family's phones called "Conservation Sensations" might allow parents and kids to score points turning off lights, delaying dishwashers to off-peak hours, washing clothes in cold water and more. Dad could score huge points by installing a heat pump!

On a future morning, you may enjoy toast from a heat pump toaster, which extracts heat from the surrounding air to cut down on energy usage.

What you can do today:

Enjoy energy efficient heating in the winter and cooling in the summer with a heat pump. Find rebates on heat pumps at snopud.com/heating



Destination 2049: Powering the Grid

There's no doubt the PUD will need more power to meet growing demand over the next few decades. More electric vehicles. More businesses. More people. It all means more power. According to the PUD's Integrated Resource Plan (IRP), we could need close to 500 more average megawatts in 2045 – never mind 2049! But how will the PUD ensure customers have the power they need?

Developed in our backyard, Helion Energy and Zap Energy may make fusion energy to help the PUD meet growing demand.

PUD programs could allow customers with home battery units to earn bill credits by using their stored energy during peak hours.

Community based energy grids – or microgrids – might power neighborhoods or collections of businesses with locally produced energy that could keep the lights on even during an outage.

Ultra-efficient, compact and smart batteries may be installed in appliances and devices, transforming emergency response and decreasing grid congestion.

What is the PUD doing today?

Learn how we're planning for the future through the creation of our 2025 IRP at an upcoming Board of Commissioners meeting. More at snopud.com/irp



Modular nuclear generators could be placed on the back of 18-wheelers to bring utility-scale power to places without wires and poles.

Community “energy islands” may create green communal spaces with solar “trees” and EV charging stations for the public to visit, find shade, charge their electric vehicle, or fly a kite.



Destination 2049: Perfect Power

While technology may never guarantee uninterrupted power, it can greatly improve the efficiency of outage response. As electricity grows increasingly vital in daily life, we're working to improve reliability for all.

Imagine plugging your electric vehicle into your home charger – not to charge your vehicle, but to power your home during an outage. The PUD is studying vehicle-to-grid technology at our Arlington Microgrid and Clean Energy Center.

Our Connect Up advanced meters combined with a new outage management system will give operators more insight into the grid, making outage response more efficient.

Smart devices in the field may give line-men and first responders a full picture of the grid, making it easy to order equipment and materials like poles and wires, expediting storm damage repair.

Artificial intelligence and drone mapping could help identify the most critical areas for tree trimming work – potentially improving reliability during windstorms.

Organizations may use solar power and batteries to build “resiliency community centers” to house people during an emergency. The PUD is currently working with the Tulalip Tribes to develop a resiliency center at the Tulalip Gathering Hall.

Be in the know!

We now offer proactive outage texting. Head to your MySnoPUD account, click Alerts and add your phone number. You'll start receiving text messages soon after your lights go out.

Be prepared now!

Visit snopud.com/emergencykit to watch Zip and Zap build the perfect emergency kit.



Connect Up Installs 100,000th Electric Meter

Our Connect Up technicians recently installed the 100,000th new advanced electric meter in Snohomish County. These meters are modernizing our grid, improving reliability and helping you monitor your usage in almost real-time. Learn more about the benefits at snopud.com/connectup

Destination 2049: Smart Grids



Smart grid technology promises to revolutionize the way energy is distributed. The grid of tomorrow is dynamic, highly adaptive and connected. Benefits include personalized energy management, lower costs and increased reliability.

Advanced “self-healing” capabilities and smart and connected grid devices will automatically detect and isolate outages by re-routing power. This means customers get power back in minutes, not hours.

Connected devices on the grid could be remotely switched to fire-safe settings, allowing the PUD to quickly react to forecasted conditions in high-risk areas.

Dialing down the voltage across the grid could save the PUD millions. Smart and connected equipment will allow PUD system operators to make these imperceptible changes at the grid level.

The PUD may be able to use artificial intelligence and smart systems to optimize energy flows in real-time, maximizing efficiency

Deploying grid-scale batteries in strategic places around our service area could allow the PUD to store energy like a reservoir stores water. The PUD is partnering with Ameresco to build a 25-megawatt-hour battery system in Arlington, the first of its kind in the PUD’s service area.

Drones could inspect equipment and infrastructure in hard-to-reach areas so the PUD can perform maintenance on wires, poles, transformers and more before they fail and cause lengthy outages.



What we’re doing today:

Our SnoSMART program is making many of the future smart grid examples a reality today. Due to a \$30 million grant from the Department of Energy, SnoSMART will accelerate grid advancements like self-healing devices, wildfire wireless tech and real-time voltage controls from 20 years to five.



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Keeping Your Neighbors' Lights On

Founded in 1982, our Community Energy Fund is a customer-funded bill assistance program that helps thousands of your friends and neighbors in Snohomish County and Camano Island.

This summer, PUD employees participated in a step challenge that raised close to \$5,000 for the Community Energy Fund. Our Executive Leadership Team then



stepped up to bump the total to more than \$8,000.

It's easy to donate today:

Use the QR code or visit snopud.com/cef to donate using our online form. You can set up recurring monthly contributions or make a one-time donation.



Coming in 2026!

Our first-ever Community Energy Fun(d) Run! Look for more information soon. Lace up your sneakers and plan to walk or run at our Community Energy Run in Lake Stevens. Proceeds raised will go to the Community Energy Fund.