

The Future of Energy: Where We are Headed

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Puget Sound Energy

- Service area: 6,000 square miles, primarily in Western Washington
- Over 1.2 million electric customers
- Nearly 900,000 natural gas customers

PSE's Core Purpose is the **safe and reliable** delivery of energy to our customers, under all conditions.



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Our aspirational commitment to beyond net zero



PSE operations and electric supply

Our goals include

- Net zero carbon emissions for electric and gas (known methane leaks) operations
- Net zero carbon electric supply by 2030
- 100% carbon free electric supply by 2045

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Natural gas sales customer end use

Our aspirational objectives include

- Reduce customer end use carbon emissions 30% by 2030
- Net zero carbon emissions for customer end use by 2045



Beyond PSE reported emissions

We will help other sectors reduce carbon through

- Electric vehicles
- LNG for marine and long haul trucking
- RNG/hydrogen or other low carbon fuels for transportation
- Supporting upstream methane emission reduction



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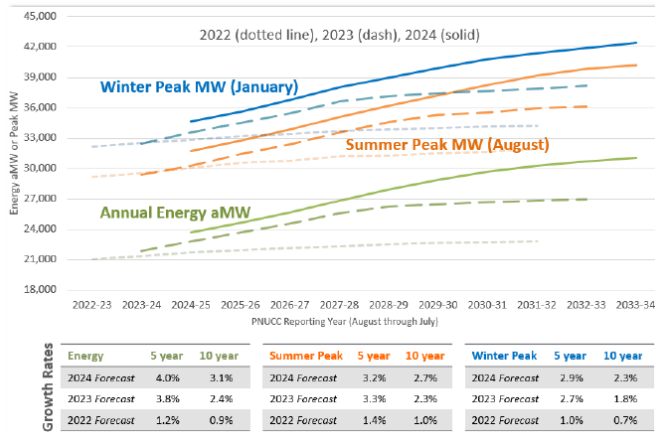
We're making progress towards these goals

- By the end of 2025, our electric supply will be coal free and we're targeting **63% renewable energy** in our portfolio.
- In 2023, about **49%** of our electricity came from **non-emitting resources**, up from 34% in 2020.
- We're **aggressively pursuing** renewable energy resources, from large generation projects to energy produced locally in our neighborhoods and communities.



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Regional load forecasts continue to rise



Pacific Northwest Utilities Conference Committee: Annual PNW Regional Load Forecast

- Demand for electricity is projected to increase from about 23,700 average megawatts (aMW) in 2024 to about 31,100 aMW in 2033
- Increase in demand of over 30% in the next 10 years
- Last year's forecast projected demand could rise by 24% in 10 years.

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We can't do it alone: Customers will play a pivotal role in enabling the clean energy transition



Distributed energy resources and microgrids



Demand response



Transportation electrification

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Energy Orchestration

- PSE envisions its role in this new landscape as an **“energy orchestrator,”** empowering customer choice and flexibility, enhancing controls and automation, and optimizing interactions.
- PSE’s energy orchestration strategy centers on:
 - **empowering customer choice and flexibility,**
 - **enhancing controls and automation,** and
 - **optimizing interactions** to achieve, in partnership, some of the most ambitious clean energy targets in the nation.
- In any industry, **customer experience** is the last competitive differentiator and foundational pillar to earned customer acceptance.



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The path forward is complex – we have a lot to do, we must account for a variety of needs and our planet cannot wait.

We’re committed to building a safe, clean and reliable energy future.

Join us at pse.com/together



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