

Thank you for supporting a sustainable future

Thank you so much for another great year of sustainable living! In 2023 we continued to push boundaries.

At its core, Community Solar puts local renewable energy within reach of anyone who can't or doesn't want to install panels on their own property. And not just for customers who can afford to pay more: one-third of the shares are set aside for income-eligible customers at no cost.

We also doubled our installation target from 25 MW to 50. Today we're at 16 MW and it's already the largest Community Solar program in the state! Plus, a 49 percent increase to the on-bill energy credit, last fall, makes the generated solar even more valuable for subscribers.

The Renewable Natural Gas program also grew participation by 50 percent. The fact that all the RNG comes from Washington landfills makes this offering particularly special. You know what they say... one person's trash is another's treasure.

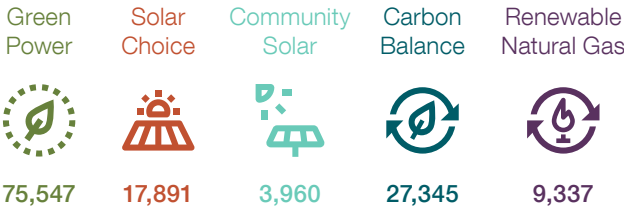
Finally, it's hard to believe that Green Power is over 22 years old. With more than 75,000 participants, it continues to be the largest program in our portfolio – and makes a huge carbon reduction impact every year. Large participation numbers like this also means more money is available for our Green Power Solar Grants.

YOU are one of 125,000 PSE customers that make a difference to our environment and help these programs thrive. I hope you are as impressed by the collective impact as I am. Together we can do remarkable things!

Leslie Myers
Clean Energy
Product Manager



2023 program participants & impact¹



757 million kilowatt-hours purchased. That's enough renewable energy to spin 451 million times on the revolving floor in the Space Needle.²

79,959 carbon offsets purchased. That's equivalent to not taking 53,306 roundtrip "sleepless in Seattle" flights between Seattle and NYC.³

701,155 therms replaced by renewable natural gas. That's equivalent to greenhouse gas emissions from 826 gasoline-powered passenger vehicles driven for one year.⁴



Product content labels

Green-e® Energy Certified New ⁵ Renewables in the PSE Green Power program					
Fuel	2023 - Historic ⁶			2024 - Prospective ⁶	
Wind	77%	WA, ID, CO, MT, OR, WY, and BC		52%	BC, AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, or WY
Solar	22%	WA, OR, ID, CO, MT and UT		48%	BC, AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, or WY
Geothermal	1%	OR		N/A	N/A

Puget Sound Energy's Green Power Program is sold in blocks of 200 kilowatt-hours (kWh) or matches 100% of your electricity usage. The table above provides the renewable resource mix in the PSE Green Power Program in 2023, as well as the projected resource mix in 2024.

Green-e® Energy Certified New ⁵ Renewables in the PSE Solar Choice program					
Fuel	2023 - Historic ⁶			2024 - Prospective ⁶	
Solar	100%	WA, OR, ID, UT, and CO		100%	BC, AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, or WY

Puget Sound Energy's Solar Choice Program is sold in blocks of 150 kilowatt-hours (kWh). The table above provides the renewable resource mix in the PSE Solar Choice program in 2023, as well as the projected resource mix in 2024.

Green-e® Energy Certified New ⁵ Renewables in the PSE Community Solar program					
Fuel	2023 - Historic ⁶			2024 - Prospective ⁶	
Solar	100%	WA		100%	WA

Puget Sound Energy's Community Solar Program is a renewable electricity product sold in blocks of 1.46 kilowatts (kW). A purchase of 1.46kW has an estimated output of 2,268 kilowatt-hours annually. The average home in your area requires 9kW to power it for one year. Purchase of a certain capacity (kW) does not guarantee a certain amount of output (renewable energy kWh) will be produced. Individual units' output may vary based on weather, efficiency and other factors. The table above shows the renewable energy in PSE Community Solar in 2023 as well as the projected resources in 2024.

Green-e® Climate Certified Carbon Balance Product Content Label ⁷					
Product type	Project certification	2023 - Historic ⁶		2024 - Prospective ⁶	
Improved Forest Management	Verra and American Carbon Registry	100%	WA, AK, and BC	100%	WA, OR, ID, MT, CO, WY, UT, BC, or AK

Puget Sound Energy's Carbon Balance program is a carbon offset product. One carbon offset represents one metric ton of carbon dioxide-equivalent emissions reductions. The verified GHG emissions reductions you purchased are sourced from projects that have been validated and registered under high-quality project standards. The table above provides the offset resource mix in the PSE Carbon Balance program in 2023, as well as the projected resource mix in 2024.

Renewable Natural Gas Product Content Label					
Fuel	2023 - Historic ⁶			2024 - Prospective ⁶	
Landfill gas	100%	WA		100%	WA

Center for Resource Solutions, which operates the Green-e® certification program, does not certify PSE's Renewable Natural gas program or verify any carbon neutral claims under its Green-e® Renewable Fuels certification program.

For comparison, the current average mix of resources supplying Puget Sound Energy includes: Coal (23%), Wind (16%), Natural Gas (23%), Hydroelectric (27%), Unspecified (10%), Nuclear (<1%), Solar (<1%), and Other (<1%). This resource mix was prepared in accordance with Washington State Department of Commerce, December 2023, with data reported by PSE in August 2023. The average PSE electric residential customer uses 886 kWh per month (2020). The average PSE natural gas customer uses 69 therms per month (2020)

For specific information about these products refer to the Frequently Asked Questions page, visit pse.com/renewables, contact a PSE Energy Advisor at 1-800-562-1482, Monday through Friday 8 a.m. to 5 p.m. or email renewables@pse.com.

¹ Program participation and support based on the unaudited annual report figures for 2023 (Puget Sound Energy, 2024).

² Based on a total of twelve 1/4 horsepower motors used to rotate the glass floor "The Loupe" on top of The Space Needle every 45 minutes at perfect efficiency and full load (The Space Needle, 2018).

³ Based on 1.4 metric tons CO₂e round trip emissions per passenger from SEA to JFK ([FlightFree.org](https://flightfree.org), accessed Dec 2023). Avoided emissions are based on the Washington state UCO₂e of 0.437 metric tons for unspecified electricity (Washington State Legislature).

⁴ Greenhouse Gas Equivalencies Calculator (EPA.gov, 2024). RNG certificates are excluded from carbon accounting under the WA state Climate Commitment Act. Center for Resource Solutions, which operates the Green-e® certification program, does not certify this product or verify any carbon neutral claims under its Green-e® Renewable Fuels certification program.

⁵ New renewables come from generation facilities that first began commercial operation within the past 15 years. This product includes generation from a facility that is approved under a strict set of criteria as repowered.

⁶ The Prospective figures reflect the renewables or offsets that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you before August 1 of next year in the form of a Historical Product Content Label the actual resource mix of the electricity and/or offsets you purchased. Historic figures reflect the renewables or offsets delivered to PSE Green Power, Solar Choice, Carbon Balance, Community Solar, and Renewable Natural Gas program participants in 2023.

⁷ The greenhouse gas emissions being offset with Carbon Balance are those associated with the combustion of natural gas at the point of consumption. They do not include emissions that occur during the extraction, production, or delivery of natural gas, including methane leaks.



The PSE Green Power program, the PSE Solar Choice program, and the PSE Community Solar program are Green-e® Energy certified and meet the environmental and consumer-protection standards set forth by the nonprofit Center for Resource Solutions. Learn more at www.green-e.org.



The PSE Carbon Balance program is Green-e® Climate certified and meets the environmental and consumer-protection standards for greenhouse gas emissions reductions (carbon offsets) set forth by the nonprofit Center for Resource Solutions. Learn more at www.green-e.org.