

PSE on bainbridge island



PSE Bainbridge Update • April 2022



Pictured: Elk spotted at Puget Sound Energy Wild Horse Wind and Solar facility.

Read on for details on PSE's investment in solar programs, Bainbridge Climate Smart challenge, battery demonstration at Samish Island, new exhibit at Bainbridge Island Historical Museum, and new program at KiDiMu. Thank you for reading!

Investing in electric reliability and grid modernization - project updates

Electric reliability on the island needs to be improved. In finding solutions, PSE committed to exploring new technologies. Our proposed plan is a [unique solution designed for Bainbridge Island](#) – combining new technologies and grid infrastructure to ensure safe, dependable power for families and businesses for years to come. We will partner with the



Pictured: Installation at the Bremerton branch of the Boys & Girls Clubs of South Puget Sound in Kitsap County from a previous round of Green Power Solar.

Puget Sound Energy awards nearly \$1 million in solar installation grants

Puget Sound Energy, through its [Green Power](#) and [Solar Choice](#) programs, has awarded \$954,418 in grant funding to 13 organizations and tribes across its electric service area to install new solar projects.

Recipients range from local non-profits, housing authorities and tribal entities serving low-income and Black, Indigenous and People of Color (BIPOC) community members. In addition to saving recipients money on their utilities, the projects will serve to further clean energy in the region. In Kitsap County, recipients are Kitsap Community Resources and the Suquamish Tribe.

The annual generation of the projects will total about 514,000 kWh, annually, equivalent to powering nearly 53 average homes each year with newly installed solar from the Puget Sound region. The goal is to help local organizations reduce operating costs while also reducing their carbon footprint by using renewable energy they've generated.

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create a clean energy future,” said PSE Director of Product Development Will Einstein.

“They, along with our customers who participate in PSE’s Green Power and Solar Choice programs, are ensuring that the benefits of distributed, local solar projects are accessible to all of our community members.”

In addition to the nearly \$1 million in grants awarded this year, PSE has provided an additional \$2.4 million in grant funding for 35 projects over the last 4 years, resulting in over 1,100 kW of newly installed solar capacity, and nearly 1,100,000 kWh of annual generation. PSE’s Green Power Solar Grant program will release another competitive funding cycle in summer 2022.



Join the Bainbridge Island Climate Smart Challenge!

The City of Bainbridge Island recently launched the new Climate Smart Challenge in support of their [Climate Action Plan](#) goals to reduce greenhouse gas emissions by 25% by 2025, and 90% by 2045, compared to 2014. The Challenge encourages residents to think critically about steps they can take to reduce their climate impact associated with home energy use, transportation choices, water use, food choices, waste generation, and overall consumption. The Challenge makes it fun and easy to reduce your climate impact, save money, and protect the health of both people and the environment. Join the Bainbridge Island Climate Smart Challenge at www.climatesmartbainbridge.org.

Samish Island Community Battery Demonstration

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in a residential neighborhood on Samish Island. The neighborhood already has a high occurrence of customer-owned rooftop solar photovoltaic (PV) technology which will also use the new FTM 50kW/336kWh battery.

The purpose of this demonstration project is threefold: to manage the integration of excess solar PV electricity back-fed into the grid, install a microgrid, and test back-up power during a power outage. PSE will also be evaluating other functions like peak shaving, which eases strain on the grid during times of high demand, and frequency response, which contributes to grid stability during this demonstration.

For the Samish Island battery, PSE is partnering with Northern Reliability to design and install the battery, and Schweitzer Engineering Laboratories to design the microgrid controller. Our plan is to test this battery and solar system, and use the results of the testing to inform future battery and microgrid projects that PSE deploys.

PSE on Bainbridge Island

PSE feels strongly about being a good neighbor. We do this through our philanthropic commitment to the nonprofit communities we serve.



Bainbridge Island Historical Museum unveils new exhibit

PSE is proud to sponsor the Bainbridge Island Historical Museum and their work to preserve and share the stories of Bainbridge Island and to promote a greater understanding of the community and the world in which we live. Their team works to spark curiosity and inspire people to connect, explore different perspectives, reflect, and celebrate the diverse stories of our community.

"I am incredibly proud of all the Museum has achieved thanks to the dedication of the Museum's staff, board, volunteers, and donors who make it all possible. This new primary exhibit is a true celebration of our community and an important step our organization's own history," shared Brianna Kosowitz, Executive Director.

This year, the Museum's primary gallery will be completely transformed into a lively, beautiful, and provocative new exhibit. Our Community: Past to Present (OCP) will illuminate diverse, beloved, and previously untold stories about Bainbridge Island and the smaller communities of people who live, work, and play here. This is an ambitious project that will combine historical content and elegant design with sensory and hands-on learning activities for people of all ages, abilities, and backgrounds.

OCP will be organized in distinct sections; each one showcasing a different Bainbridge

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recordings, text, and unique hands-on activities.

Our Community: Past to Present opens to the public on Friday, May 6th. While the Schoolhouse building will be closed until then, the Museum will remain free and open to visitors Wednesday-Sunday 10am-4pm and you are invited to stop by!

Visit bainbridgehistory.org to learn more about the museum's upcoming gallery!



KiDiMu presents Explore Bainbridge: Walkable Winslow

Kids Discovery Museum (KiDiMu) serves children and their families as they learn and grow through experiential exhibits and activities centered around STEAM (science, technology, engineering, art, and math). Focusing on early childhood education, KiDiMu houses exhibits that encourage imaginary play and scientific inquiry; offers art projects, special events, workshops, camps, educational activities, and programming. For nearly two decades, families all over Kitsap and neighboring counties have come to rely on KiDiMu as a haven of educational play opportunities for their families.

With support from Puget Sound Energy, KiDiMu recently released the second book of its Explore series. Explore Bainbridge: Walkable Winslow is designed for young children and

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local plants and animals, and physics through playground equipment!

“We are grateful for the continued support from Puget Sound Energy that allows us to provide great programming in our museum and throughout our community.” said Corinne Wolffe, KiDiMu Executive Director.

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Let us know what you think

Whether you have questions about our work on Bainbridge Island, the programs we offer or other questions about PSE's services, we want to hear from you. Please contact us at info@psebainbridge.com or call us at **1-888-878-8632**.

Thank you,
Your PSE Bainbridge Team

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