

Monthly highlights from your energy neighbor, PSE on Bainbridge Island.

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**PSE** on bainbridge island



## PSE Bainbridge Update • October 2018



Sunrise over Wild Horse Wind and Solar Facility.

## October is National Energy Awareness Month

For this month's newsletter, we'd like to increase your awareness about three energy items: the status of our Green Direct carbon reduction program on Bainbridge Island, the end of the HORSE biodigester pilot project, and new options for monitoring your energy usage with our PSE mobile app.



Reporter Gary Chittim from KING 5 reports on weather conditions at Wild Horse Wind and Solar Facility.

## Status of Green Direct program on Bainbridge

As you may recall, PSE's Green Direct program is a carbon reduction program that allows municipal and corporate customers the ability to purchase 100 percent of their energy from a dedicated, local, renewable energy resource. PSE launched the second phase of the Green Direct program this summer. Green Direct is an innovative renewable program being deployed by just a few utilities around the country.

PSE began the conversation regarding the City of Bainbridge's potential partnership with the City Council when the Green Direct initiative was first launched in 2016. We proactively reached out because we recognize Bainbridge Island as a forward thinking and environmentally focused community. The Council first considered participation in the program last summer. In mid- August, PSE presented Phase 2 of the program to the Council, and the Council subsequently deferred the decision to the City's Climate Change Action Committee (CCAC) for their consideration.

Due to the high demand for Phase 2, the entire 32 average megawatts (aMW) allocated and approved for this phase was fully subscribed the same day the program opened on August 31. At this time the program is closed to additional participants. We hope that PSE will have similar offerings in the future that the City can again consider for adoption at a later date.

For more information on the Green Direct program, visit [pse.com/greendirect](https://pse.com/greendirect).



Biodigester first arriving on Bainbridge Island

## HORSE digester PSE pilot project ends

The High-solids Organic-waste Recycling System with Electrical output (HORSE) biodigester has completed its two year pilot project on Bainbridge Island. We want to thank our partners, Impact Bioenergy, Harbour Public House, and the four restaurants at Pleasant Beach Village, for making this project possible.

PSE and Impact Bioenergy initially partnered with Harbour Public House in 2016 for the first half of the pilot. The demonstration turned food waste into on-site energy generation and produced nutrient-laden, liquid fertilizer.

In late 2017, the HORSE moved to Pleasant Beach Village to feed on the waste from the

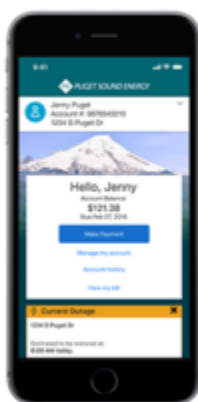
four restaurants at the Village. This second opportunity allowed the partners to further test the technology.

The digester is designed to generate 2,550 kilowatt hours of energy per year, according to Impact Bioenergy. The system's technology can generate the energy equivalent of one barrel of crude oil from 2,900 pounds of food scraps. It also generates 5,400 gallons per year of nutrient-rich fertilizer, which was supplied to local farms. It is a zero-waste system, which also avoids the need to truck organics off the island.

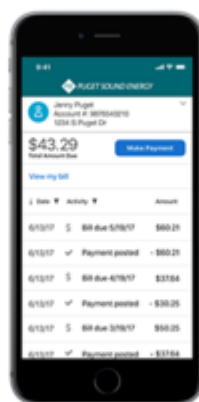
Impact Bioenergy, based in Seattle, developed the self-contained, portable biodigester and continued to monitor the HORSE on Bainbridge Island throughout the entire pilot project. They are continuing to look for other partners on Bainbridge Island.

The two-year effort was a natural extension of PSE's ongoing interest in developing alternative sources of energy that can then power our renewable energy programs for our customers.

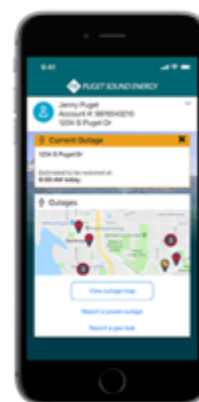
View your bill and make a payment



Review your account summary



Check for outages in your area



The updated PSE mobile app allows you to view your bill, your account summary, and outages near you.

## PSE's mobile app gets a major upgrade for more options

On October 11, we launched an updated app for Apple (iOS) and Google (Android) devices.

The update adds self-service functionality that helps answer customers' questions, manage account preferences, and easily stop, start or move service in just a few clicks. Specifically, the new options allow customers to:



- Review account balance, charges from prior months, and pay bill
- Set up payment arrangements and budget billing
- Choose desired bill due date or enroll in paperless billing
- Change or update account security features, including password and security questions
- Set “do not disturb” preferences for outage notifications

Adding even more features to the fresh mobile app revealed in May, the latest improvement gives customers a consistent experience with [pse.com](https://pse.com), the interactive voice response (IVR) automated phone system, social media channels, and when connecting to Customer Care and Energy Advisors.



Event attendees view film "The Geological Formation of Bainbridge Island"

## PSE Sponsors 4th Annual 3-Days of Preparedness and Film

For several years, PSE is a proud sponsor of the annual Three Days of Preparedness event the end of September.

This year, PSE brought Parts 1, 2, and 3 of the locally produced film “The Geological Formation of Bainbridge Island,” to the Bainbridge Cinemas. Those attending the sold out performances had the opportunity to ask questions of Greg Geehan, the film’s Co-Director and Narrator, as well as Cameron Snow, the film’s producer. The films showcase the

geological history of Bainbridge Island and the Puget Sound region, addressing the impact the seismic activity has had on the region recently, as well as researching the historic glacial activity and its effect on the aquifers.

## Follow us on Facebook

PSE has a [Facebook page](#) for our work on Bainbridge Island. Be sure to like and follow us to keep informed about PSE on Bainbridge Island!

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**Facebook**



## 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](mailto:info@psebainbridge.com) or call us toll-free at **1-888-878-8632**.

Thank you,

Your PSE Bainbridge Team

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