



PSE Profile in Kitsap County (2008):

Customers: 116,725

Power load: 290 megawatts, average;
520 MW peak

Power-delivery facilities:

- 1,334 miles of neighborhood power distribution lines
- 122 miles of high-voltage transmission lines
- 23 substations

Taxes paid:

- Municipal taxes: more than \$3,500,000
- Property taxes: more than \$1,400,000
- Sales taxes: more than \$12,700

Electric-system investments:

- Major maintenance and reliability projects completed in 2008 include:
 - » 28 underground cable projects, including replacement and re-mediation (injecting with silicone to extend the life of cable)
 - » 0.33 miles of underground distribution line off Brownsville Highway to reduce tree-related outages
 - » Added additional distribution lines off Agatewood Road to improve reliability
- Other projects scheduled over the next several years include:
 - » Rebuilding the Bremerton substation with state-of-the-art equipment, which will support future growth in the area (2009 completion)
 - » Adding fiber optic capabilities to substations in North Kitsap (2009 completion)
 - » Constructing 5 miles of new 115 kilovolt transmission line between the Manchester and East Port Orchard substations, which will connect to a new substation in the Long Lake area (2010 completion)



Architectural wall surrounding Bremerton substation



Bremerton substation

- » Constructing a new substation and 4-5 miles of new 115 kV transmission lines on Bainbridge Island to support growth and improve reliability (2010 completion)
- » Constructing 5-7 miles of new transmission lines to reroute the Port Madison tap to Foss Corner via the new Agate Pass substation (2015 completion)
- » Constructing 10-15 miles of new 115 kV transmission line to connect the new Kingston substation (completed 2007) with Foss Corner and Port Gamble substations (2016 completion)

Powerful Choices for the Environment (energy education):

- » Bainbridge Island
Sakai Intermediate School
Mountain View Middle School
- » Bremerton
Fairview Junior High
- » Port Orchard
John Sedgwick Junior High
- » Poulsbo
Poulsbo Middle School
Ridgetop Junior High
- » Silverdale
Central Kitsap Junior High

Community involvement:

- Funding contributions to many organizations including Bainbridge Island Performing Arts, Boys & Girls Club of West Sound, Bremerton Blackberry Festival, Bremerton Chamber Armed Forces Ambassador Scholarship Program, Bremerton Concerts on the Boardwalk, Bremerton Symphony, Great Peninsula Future Festival, Holly Ridge Center, Islandwood, Kids Discovery Museum, Kitsap Mental Health, Olympic College Foundation, Suquamish Foundation, United Way of Kitsap County, and the YWCA
- Providing low income and bill payment assistance:
 - » PSE's HELP (Home Energy Lifeline Program): \$533,403 in 2007-08
 - » The Salvation Army Warm Home Fund: \$64,000 in 2007-08

Energy efficiency / renewable-energy programs:

- 35 renewable energy systems have been connected to PSE's grid in Kitsap County, representing 157 kW of electric generation capacity — customers on Bainbridge Island account for 20 of these systems with a generation capacity of 95 kW
- PSE has 2,253 residential green power customers in Kitsap County, as well as 49 commercial green power customers
- During the past four years, Kitsap County customers have saved more than 21.4 million kilowatt hours of electricity, enough to power about 1,850 homes
- Currently working with Kitsap County Administration facilities, county officials and the Consortium for Energy Efficiency to reduce physical server count by retrofitting the existing data center equipment with state-of-the-art, network critical physical infrastructure and to quantify savings to determine a potential PSE grant for the installation
- During the past four years, thanks to their participation in PSE's residential energy efficiency programs, excluding the CFL bulb program (a major component of total savings), Kitsap County residents have saved almost 2 million kWh of electricity, or enough energy to power about 170 homes, preventing more than 2.1 million pounds of carbon dioxide from being released into the environment
- Through a PSE solar schools grant, a 1.1 kW solar system is being installed at Sakai Intermediate School on Bainbridge Island



PSE's Energy Efficiency program brochures