

2011 • Annual Report

Entiat homeowners join SNAP program

John and Annette Alt are the SNAP program's newest solar producers, placing 24 roof-mounted panels on a shop building behind their Columbia riverfront home in Entiat.

John is a commercial pilot with Jet Blue and Annette is retired from a career in pharmaceutical sales. They are the first homeowners in Entiat to become SNAP producers. (Solar modules have been in place at Entiat School since 2005.) The Alts also are the first local system owners to take advantage of incentives under the state Renewable Energy System Cost Recovery program rewarding producers for using components made in Washington. The Alts are eligible for 54 cents per kilowatt hour for using solar modules and inverters manufactured by Silicon Energy in Marysville.



John Alt shows inverter set-up

Hillbilly Electric of Entiat installed the system, which Alt said went together easily. The system has a capacity of 4.68 kilowatts and was connected to the PUD's grid in March. Depending on the performance of this initial installation, Alt said he may add more modules to the south-facing and possibly east-facing portions of his shop roof.

With proceeds from SNAP and the state system, Alt expects to recoup his investment in about 4½ years.

Two additional solar projects being constructed in Plain and Chelan are expected to join the SNAP program this year. A group of investors also plans to build a 5-kilowatt community solar farm near Chelan – a first for the county. The group, called Eterna Community Energy,



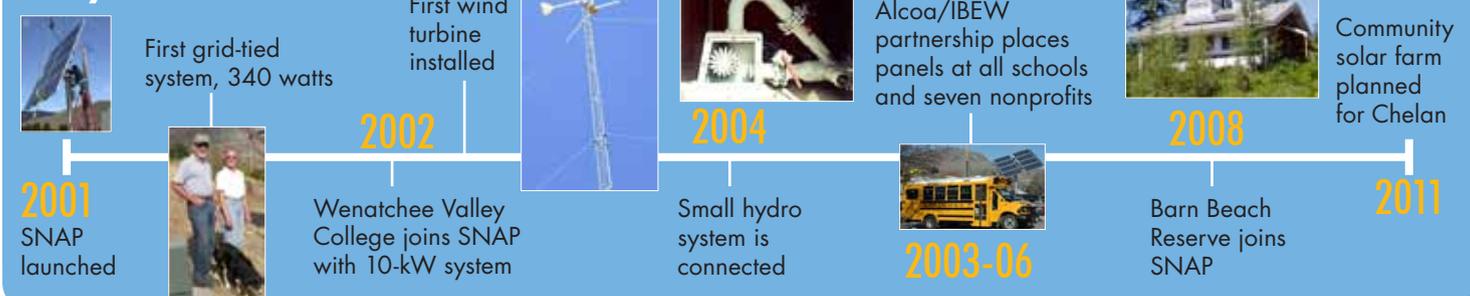
Entiat shop hosts 24 unobtrusive solar modules

is headed by Steve Milner of Chelan. Plans call for installing 26 Silicon Energy modules and a Silicon Energy inverter. Under community solar provisions of the state program, generators are entitled to \$1.08 per kilowatt hour. The community solar group intends to join SNAP and is hoping for a grid connection this summer.

Happy anniversary to SNAP

2011 marks the 10th year for Sustainable Natural Alternative Power in Chelan County. The program began in 2001 when Randy and Anne Brooks of Chelan connected generation from four 85-watt solar modules to the PUD's electrical grid. The program grew significantly between 2003 and 2006, when the Alcoa Community Solar Endowment and International Brotherhood of Electrical Workers joined forces to install modules at all schools in the county and at seven nonprofit agencies. The program now has 45 producers and enjoys support from 670 loyal PUD customer/contributors.

10 years of SNAP



SNAP payments tallied

Contributions from Chelan PUD customers provided payments to SNAP producers of 22 cents per kilowatt hour. Thank you to the loyal supporters of our voluntary green power program!

Period	SNAP Income	Production (kWh)	Annual Payment
2010-11	\$ 25,506	117,792	\$0.22/kWh
2009-10	\$ 24,310	116,709	\$0.21/kWh
2008-09	\$ 26,189	117,120	\$0.22/kWh

Number of SNAP producers

Schools: 28 (installations funded by Alcoa/IBEW)

Nonprofit agencies: 7 (installations funded by Alcoa/IBEW)

Private producers: 9

SNAP producers by type

Solar: 42

Wind: 2

Small Hydro: 1

Capacity (in kilowatts)

Solar: 83

Wind: 40

Small Hydro: 5

Generation (kilowatt hours in 2010-11)

Solar: 84,947

Wind: 32,845

Small Hydro: 0 (system currently offline)

Total: 117,792

Solar showcased at Earth Day events

Go solar, shop locally, save energy and take a look at some very cool cars. Those are among the many options for celebrating Earth Day around the county on Saturday, April 23.

Solar power will be showcased at the Chelan County PUD booth at the Earth Day Fair in Leavenworth. The fair runs from noon to 4 p.m. at Lions Club Park, along Highway 2 next to City Hall. The theme is "Think Local First" with a focus on buying from local, independently owned retailers. In the event of heavy rain, the fair will take place at Osborn Elementary School, 225 Central Ave., Leavenworth. More information is on the Barn Beach Reserve website, www.barnbeachreserve.org/life2, or email info@barnbeachreserve.org.

In Wenatchee, PUD Conservation staff will be at Lowe's Home Improvement Warehouse from 10 a.m. to 2 p.m. Energy experts will talk to customers about where to look for energy-saving opportunities in their homes and how to save on utility bills by choosing Energy Star products. The PUD is participating in a regional program called Simple Steps Smart Savings that reduces the cost of energy-saving compact fluorescent light bulbs and low-flow showerheads. Lowe's is located at 1200 Walla Walla Ave.

Chelan's venerable Earth Day Fair runs from 9 a.m. to 5 p.m. in Riverwalk Park. The fair features an alternative-fueled vehicle exhibit including the Chelan School District's plug-in/hybrid/bio-diesel school bus (the only one in the state!), hybrid/electric, electric, bio-diesel, hydrogen/hybrid and plug-in electric vehicles. Vendors will demonstrate renewable power from the sun, wind and micro-hydro, which can produce electricity, bake cookies, and heat water for your home or pool.

Thank you, SNAP supporters! Please redeem this coupon at your PUD office in Wenatchee, Chelan or Leavenworth for energy-saving compact fluorescent light bulbs.

Coupon good for
Free Compact Fluorescent Light Bulbs from Chelan County PUD

Limit 12

Expires June 30, 2011

www.chelanpud.org

