



## 2014 SNAP Purchaser Annual Statement

Thank you for your support of the Sustainable Natural Alternative Power program. Your contributions are directly responsible for increasing the production of renewable power in our communities.

**We hope you will continue to support this worthwhile program.**

### Inside:

- Electricians spark surge in solar
- Meet our new solar producers
- Icicle River middle school to host solar project



### Green with envy

**Bring this coupon** to your nearest Chelan PUD office in Wenatchee, Leavenworth or Chelan and exchange it for a free reusable grocery bag. These bright green bags made from 30% recycled materials have the look and strength of a cloth bag. Show your support for SNAP; other shoppers will be green with envy.

Remember to tell your friends about SNAP. If they sign up as supporters they'll get a bag, too. Offer available while supplies last. Contact us at (509) 661-8008 or on the web: [www.chelanpud.org/snap.html](http://www.chelanpud.org/snap.html).

### Go Lightly

Sign up for our Lightly e-newsletter and receive monthly updates on money-saving rebates and energy efficiency efforts at Chelan PUD. To sign up, visit [chelanpud.org](http://chelanpud.org) (click on "Sign up for our newsletters" on the home page) or send an email to [conservation@chelanpud.org](mailto:conservation@chelanpud.org).

*Continued inside*



CHELAN COUNTY PUD  
PO BOX 1231  
WENATCHEE, WA 98807

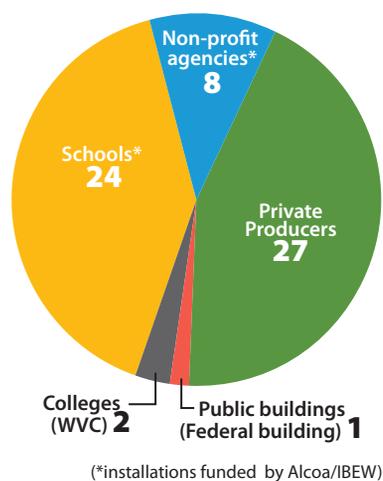
ADDRESS SERVICE REQUESTED

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PERMIT NO. 300

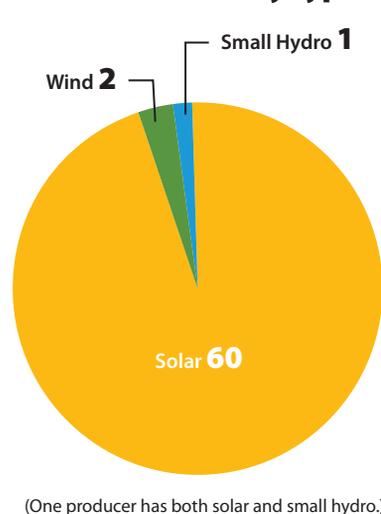
# WELCOME to your 2014 SNAP Annual Report

## A snapshot of SNAP in 2014

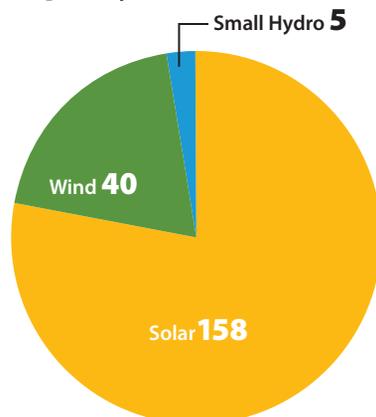
### Number of SNAP Sites: 62



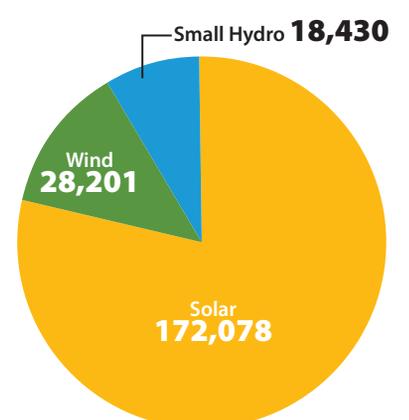
### SNAP Producers by type



### Capacity: 203 (in kilowatts)



### Generation: 218,709 (total kilowatt hours in 2013-2014)



**Point of reference:** An average home in Chelan County uses approximately 22,000 kilowatt hours of electricity per year.

## Electricians are sparking a surge in solar

Leavenworth Electric's venture into the solar business three years ago is largely responsible for the growth in solar installations in Chelan County.

Electrician Mark Karnofski proposed diversifying with solar and owner Mike McComas quickly agreed. "Mark had such a heart for it," McComas said, that he was easily convinced.

Leavenworth Electric became an installer and distributor for Silicon Energy, the Marysville firm that gathers the components to manufacture the solar modules that now grace most of the newer installations in the county. Because Silicon Energy is located in Washington state, producers who use their panels are eligible for the largest state incentive available to individuals, 54 cents per kilowatt hour.

### **SNAP payments are "the cherry on top of the cake" for these producers, Karnofski said.**

SNAP payments are "the cherry on top of the cake" for these producers, Karnofski said. Leavenworth Electric has completed about a dozen installations in Wenatchee, Manson, Cashmere and Leavenworth and has been tapped as the contractor for the proposed 14-kilowatt, 72-panel community solar project at Icicle River Middle School.

The average size of Leavenworth Electric's installations is 24 panels. "We can design a system to fit your budget," McComas said. Installed cost is \$7 to \$8 per watt. So a 24-panel configuration that generates 4800 watts would cost \$33,600 to \$38,400.

Spendy, but investors expect to recoup their costs and more due to the state and SNAP programs, McComas said.

The state's Renewable Energy System Cost Recovery program is set to expire in 2020 but could be extended by the Legislature. The SNAP program has no expiration date.

Silicon Energy panels come with a 30-year warranty. Leavenworth Electric contracts with Mark Pulse Construction to build the handsome structures that hold the panels, including artistic A-frames and deck coverings that meld form with function.

## Community solar comes to middle school

You can get in on the ground floor of an investment that will rest on the roof of Icicle River Middle School in Leavenworth.

Investors are being sought to help build a 14-kilowatt community solar installation on the middle school. If successful, the project would be the first community solar farm in Chelan County to take advantage of the state's Renewable Energy System Cost Recovery Program.

Payments of \$1.08 per kilowatt hour are available for community projects that use solar modules and inverters manufactured in Washington. The payments come from utility taxes and must be made to a local entity. Faith

Lutheran Church of Leavenworth has stepped up to be the project administrator and would disburse funds to individual investors. The Cascade School Board is making the middle school available to host from 72 to 96 solar panels.

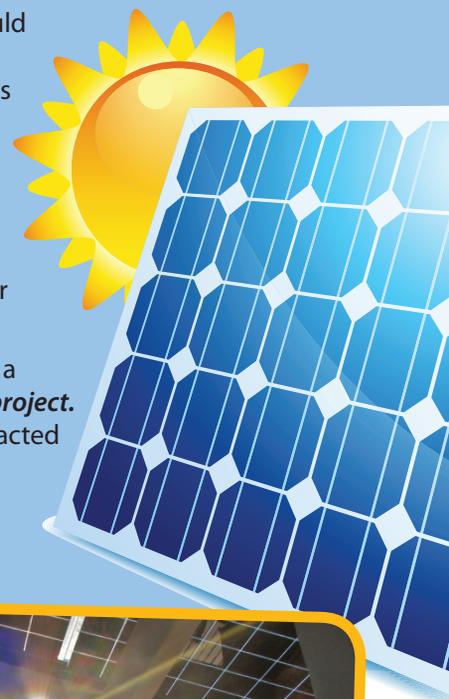
The final number of solar panels will depend on the amount of money raised. Organizers have a goal of \$90,000 and would like to have the project up and running by mid-summer. Leavenworth Electric is the contractor, and orders have already been placed with Silicon Energy of Marysville for the panels and related equipment.

When the state program expires in 2020, the school district would take over ownership of the solar modules. Data monitors tracking generation from the solar installation would be available on the Internet, providing math and science opportunities for students at the middle school or other schools.

Organizers have established a website at [communitysolarproject.webs.com](http://communitysolarproject.webs.com). They can be contacted at [solarleavenworth@gmail.com](mailto:solarleavenworth@gmail.com).



Mark Karnofski, left, and Mike McComas of Leavenworth Electric.



Left: An A-frame structure that holds modules at a Leavenworth home can double as a garden shed.

Right: Twenty-four modules form a canopy over the deck at Jim and Lynn Brown's home in Wenatchee.



## Going strong and growing

Eight solar producers signed on to SNAP in the past year, helping push the program to a production record of 218,709 kilowatt hours of energy.

The previous record, set in 2013, was 175,142 kilowatt hours. The peak was 156,911 kilowatt hours in 2012.

The eight new producers, all with fixed solar systems, added 31 kW of capacity. They are:

- Peter Burgoon, 1137 Lower Sunnyslope Road, Wenatchee
- Robert Ogburn, 4267 April Drive, Wenatchee
- Stephen and Diane Gundersen, 11190 Mundun Canyon Road, Peshastin
- Jim and Lynn Brown, 1225 Rue Jolie, Wenatchee
- Brian Luther, 8895 Eagle Creek Road, Leavenworth
- Juan and Susan Mendoza, 52 Mike Keys Road, Manson
- Brian Koblenz, 10740 Fox Road, Leavenworth
- Robert and Sharon Beebe, 117 N. Garfield, Wenatchee

Applications are pending from Stevens Pass Ski Resort and from a private producer on Jumpoff Road in Wenatchee.

The program is growing largely due to generous state-sponsored incentives. Producers using solar modules and inverters manufactured in Washington are eligible for the highest payouts available through the state's renewable incentive program. Taking advantage of the state incentives, in addition to SNAP, brings a faster return on investment.

The state payments come from the state's utility tax fund; SNAP payments come from PUD customers interested in renewable energy. Customers contributed \$22,681 this past year, for payments of 10 cents per kilowatt hour to the schools, nonprofit agencies and individuals who are generating solar, wind and small-hydro power.

A complete listing of our SNAP producers is at [www.chelanpud.org/snap.html](http://www.chelanpud.org/snap.html).

**Thank you, SNAP supporters, for your contributions.**

