



# SNAP *sustainable natural alternative power* PROGRESS REPORT

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## Solar installations a class act

*Cashmere Middle School students pass a four-panel solar installation as they head to class. Private donations paid for the installation at Cashmere in 2002.*



*Every public school to receive solar panels as part of Alcoa endowment*

Work is set to begin this spring on placing solar panels at all 29 public schools in Chelan County.

By the end of June, each public school should have received a 10x10-foot solar configuration consisting of eight panels mounted on 14-foot aluminum poles. They'll be capable of generating up to 1.3 kilowatts each, enough to power about 10 computers.

These solar installations are made possible by customer contributions to Chelan County PUD's SNAP (Sustainable Natural Alternative Power) program and a generous donation of materials and labor by Alcoa. Schools and other nonprofit agencies will receive over \$400,000 worth of solar power systems at no cost, thanks to Alcoa. They are being installed by volunteer Alcoa workers with help from the International Brotherhood of Electrical Workers (IBEW) through McCandlish Electric.

In addition to receiving the solar power installations for free, the schools will also receive half of the money that each system generates each year through the PUD's SNAP program. The other half of the SNAP income will go to Alcoa's community fund to benefit other worthwhile projects. Supporting SNAP now supports education and community organizations as well



*Wenatchee World photo*



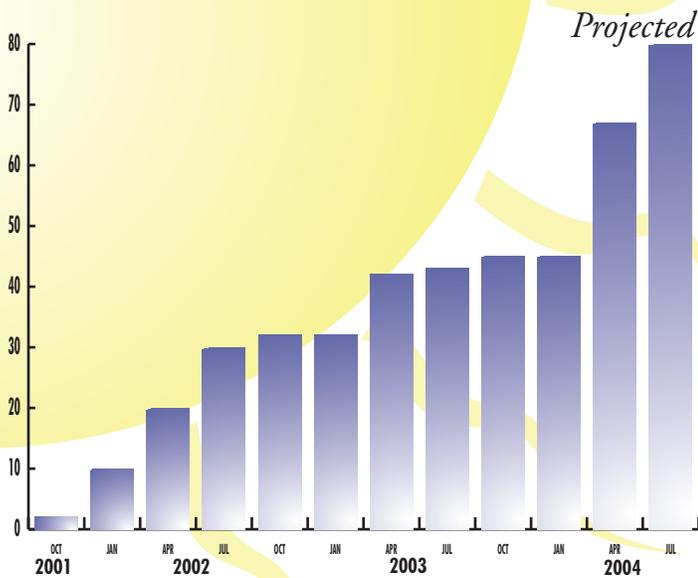
as creating new, clean power.

In addition to the school project, Alcoa completed a large installation of solar panels on the Bank of America Performing Arts Center in downtown Wenatchee this past December. The Chelan-Douglas Community Action Center in south Wenatchee, which serves low-income families in the area, was another nonprofit agency to receive an Alcoa-funded solar array of eight roof-mounted panels in October 2003. Four more solar power installations at non-profit agencies are

*(continued reverse)*

*Cashmere students help with the installation of solar panels at their middle school in 2002.*

# kW Installed solar and wind capacity



SNAP Producers	Type	Capacity
Chelan County Public Schools (projected)	solar	38.0 kilowatts
Chelan-Douglas Community Action Council	solar	1.3 kilowatts
Bank of America Performing Arts Center	solar	10.0 kilowatts
Cashmere Middle School	solar	.6 kilowatts
Randy and Ann Brooks	solar	.6 kilowatts
Wenatchee Valley College	solar	10.0 kilowatts
Federal Building	solar	10.0 kilowatts
Nichols Ranch	wind	10.0 kilowatts
Mountain Top Farm	wind	10.0 kilowatts

*Thanks to Alcoa, 164 solar panels have installed on the Bank of America Performing Arts Center in downtown Wenatchee.*

planned this year.

Because of customer contributions to the PUD's SNAP program, Chelan County should have more solar-generated power than any other county in Washington state, said Jim White, Energy Services engineer at the PUD. Including the 58 kilowatts of solar generation under the Alcoa endowment, contributions to the SNAP program have resulted in 80 kilowatts of solar power installations and a total of 20 kilowatts of small wind power generators.

Last summer, the PUD's SNAP program received the 2003 National Renewable Energy



*Eight panels went up on the Chelan-Douglas Community Action Center, 620 Lewis St., in October 2003.*

Recognition Award from the Interstate Renewable Energy Council. The award recognizes innovative renewable energy projects and programs.

The PUD would like to thank SNAP supporters for their contributions to this award-winning project. Continued growth of new renewable power generation in Chelan County depends on support from customers.