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## About Us

The **U.S. DOE Intermountain Clean Energy Application Center** encourages greater adoption of recycled energy, including combined heat and power (CHP), district energy, and waste heat recovery. We work in Arizona, Colorado, New Mexico, Utah, and Wyoming.

The Center provides free technical/economic feasibility screenings for businesses evaluating recycled energy, in addition to education and outreach for businesses, policy makers, and regulators. **Contact Us.**



*Please forward this to others who may be interested. Thank you!*

## Tell Your Contacts at Rural Co-ops

### EXCELLENT WASTE-HEAT-TO-POWER DATABASE

Waste-heat-to-power is one type of recycled energy that has great promise in our intermountain west. Waste-heat-to-power generally refers to capturing waste heat that an industrial site or pipeline compressor station is already emitting and turning it into electricity. Since it uses no extra fuel and produces no extra emissions, many states (including Colorado) count it as renewable energy.

All rural electric cooperatives in the country have access to an excellent report released a couple years ago by the National Rural Electric Cooperatives Association (NRECA) explaining waste-heat-to-power opportunities and technologies. Accompanying this report is a **large database of all waste heat sources in rural co-op territory, by industrial facility name, address, zip+4, NAICS code, waste heat sources, and waste heat amounts.** Rural co-ops can use this database to identify and work with industrial plants or pipeline compressor stations in their service territories to put in waste-heat-to-power projects.

This report and database are not available to the general public, but are available for free to all rural co-ops. Co-ops can find the report and accompanying database at [www.cooperative.com](http://www.cooperative.com) by searching for "waste heat." Here is the full citation:

"On-site Power Generation Options Using Waste Heat," prepared by David Schroeder, Neil Leslie, and Gregory Rouse of the Gas Technology Institute, on behalf of the National Rural Electric Cooperative Association's Cooperative Research Network. CRN Project No. 07-18. 2008.

Please pass on this excellent report and database to any rural co-ops you know, in case they are not aware of it. Some rural co-ops, like those in our region served by Tri-State G&T, can even receive financial incentives to get these projects going. And, we provide **free screenings.**

## New ACEEE Report on Recycled Energy State Policies and Conditions

The American Council for an Energy Efficient Economy has released an excellent report that profiles all 50 states on their CHP policies (or lack thereof) and how those affect each state's overall favorability for CHP. The report draws on the direct experience of CHP developers and advocates active in each state, to get the real "on the ground" story. See the full

report: **Challenges Facing Combined Heat and Power Today: A State-by-State Assessment.**

## Upcoming Webinars

Don't miss the following free webinars on Recycled Energy, hosted by our partners in other regions:

### **Combined Heat and Power: The backbone of microgrids?**

Wednesday October 26, 2011, 12noon-2pm Mountain

Contact: Laurel Varnado, [lavarnad@ncsu.edu](mailto:lavarnad@ncsu.edu)

### **Strengthening Critical Infrastructure: Combined Heat and Power at Wastewater Treatment Facilities**

November 15, 2011, 12noon-2pm Mountain

Contact: Lauren Giles, [lgiles@energetics.com](mailto:lgiles@energetics.com)

### **District Energy and CHP: Valuable Infrastructure for Sustainable Communities**

Nov. 17th, 2011, 11am-1pm Mountain

Contact: Laurel Varnado, [lavarnad@ncsu.edu](mailto:lavarnad@ncsu.edu)

## Next Stop: Arizona

Our state-by-state series of Recycled Energy stakeholder meetings and tours continues. Following successful events in Utah and New Mexico, our next stop will be Arizona in late January or early February. The ½ day workshop will have tours of successful recycled energy projects plus presentations and networking. Stay tuned for details.

## Snowbird Ski and Summer Report Uses Recycled Energy for Better Reliability



## Recycled Energy Project Showcase

Snowbird Ski and Summer Resort, 40 minutes from Salt Lake City up the beautiful Little Cottonwood Canyon, has run a recycled energy system for nearly 25 years and counting. The system helped the resort avoid a costly upgrade to the utility power line, ensures the resort has highly reliable power year-round, and provides heat for pools, restaurants, meeting spaces, guest rooms, snow melting on walkways, and air conditioning. **Read more in the full 2-page Project Profile.**