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Save the Date

CHP for Commercial & Industrial Businesses in Arizona:
- Sept 22, Phoenix, AZ
- Sept 23 Tucson AZ
Businesses in AZ: Contact your Southwest Gas rep for a free invite

Waste Heat Recovery Workshop for Power and Heat:
- Sept 29-30, Chicago IL

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

New Website and Web Address

We've updated our website with a fresh and modern look and feel, and all new content. We've also changed the site's URL to www.intermountaincleanenergy.org. Come take a look, and as always, we welcome suggestions to make it better.

Policy Success: CHP Included in New Arizona Gas Efficiency Rule

The Arizona Corporation Commission (ACC) has approved a **Gas Utility Energy Efficiency Rule and Standard** (Gas EERS) that requires Arizona gas utilities to ramp up gas savings to 6% by 2020. **CHP is included as an eligible energy-saving measure.** This follows CHP's recent inclusion in Arizona's Electric EERS, and increased incentives for CHP capital costs from the main gas utility Southwest Gas. (These incentives are among the highest in the country; see story below.)

Major New Grants for CHP projects in AZ

Southwest Gas in Arizona has substantially increased the incentive amounts for new CHP in its Arizona territory. New CHP systems can now get capital cost grants of \$400-500/kW (depending on efficiency) from the gas utility's demand-side management program, PLUS AN ADDITIONAL \$300/kW from stimulus funds, **for a total of \$700-800/kW.** This is first-come-first served up until the programs are fully subscribed. Total efficiency must be a minimum of 60%, and the funding cannot supply more than 75% of a system's total capital costs. Contact Southwest Gas Key Account Management at 602-395-4058 for more information. And, **contact us** for a free technical/economic feasibility analysis of CHP at your facility.

New "Heat Is Power" Ad Campaign

A new organization called Heat is Power was recently launched this summer with a compelling website. This coalition of waste heat recovery innovators and entrepreneurs is spearheading a national effort to highlight the vast opportunity to produce **zero-emission electricity** by reusing wasted thermal energy from industrial plants. Check out the website, www.heatispower.org.

Watch for Grants for Anaerobic Digestion in CO

The Colorado **Governor's Energy Office** says that a new grant will be announced in late fall for the purchase of equipment and the completion of feasibility studies, permitting processes, technology reviews and economic analysis for anaerobic digestion (AD) projects. Eligible applicants include agricultural entities, local governments and businesses wishing to co-locate with an AD project and wastewater treatment districts. While CHP is not required for this grant, the two almost always

makers, and regulators.



pair up well together. Anaerobic digester gas can be used in most CHP technologies, with the excess heat recycled back to the digester or used for other thermal needs. Keep checking the GEO's **Funding Opportunities** page for grant details.

As always, the U.S. DOE Intermountain Clean Energy Application Center is available to answer any of your questions or provide various types of CHP project assistance, all as part of our mission to advance clean energy in Arizona, Colorado, New Mexico, Utah, and Wyoming. Let us know if we can help.

Sincerely,

U.S. DOE Intermountain Clean Energy Application Center

Patti Case, 801-278-1927

Tom Broderick, 928-527-8036

Christine Brinker, 720-939-8333

Visit us at www.intermountaincleanenergy.org

Clean Energy Project Showcase

Colorado is the proud host of a new renewable energy resource. **Highline Electric Association**, a cooperative serving the northeastern corner of Colorado, installed a 4-MW pollution-free and fuel-free waste heat recovery system at a natural gas pipeline compressor station on the Trailblazer pipeline. The system recycles the otherwise-wasted thermal energy from the compressor station and turns it into renewable electricity, using an organic rankine cycle system from Ormat. One year in to the project, everything is going well. Cost savings was the main reason HEA put in the system: it saves the co-op members \$600,000 per year.

[View the full 2-page project profile](#)