



## In This Issue

[New Incentives in NM](#)

[CU-Boulder Revamps CHP](#)

[New CHP at Clarion Hotel](#)

[Upcoming Events](#)

## About Us

The [U.S. DOE Intermountain Clean Energy Application Center](#) encourages greater adoption of 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 clean energy solutions, in addition to education and outreach for businesses, policy makers, and regulators. [Contact Us](#).



## New Incentives for CHP in New Mexico

The New Mexico Public Regulation Commission has approved a new energy efficiency plan for Southwestern Public Service Company (SPS), a subsidiary of Xcel Energy that serves approximately 115,000 customers in southeastern New Mexico. The new plan includes combined heat and power (CHP) and waste heat to power projects as eligible custom efficiency measures, thus making those projects able to qualify for incentives.

Each CHP or waste heat to power system will have to apply for pre-approval from SPS and will have to be able to show that the project's benefits outweigh its costs, similar to the process for all other custom efficiency measures. Eligible projects can then earn "up to \$400 per kilowatt" depending on the total energy savings of the project.

SPS's policy change is an example of how utilities and state regulators are increasingly recognizing CHP and waste heat to power as cost-effective options for utilities to meet their efficiency goals.

- [SPS's original demand-side management \(DSM\) plan](#) (SPS, PDF, 139 pgs)
- [Stipulation that modified the plan](#) (SPS, PDF, 78 pgs)

## University of Colorado to Use CHP Again

The University of Colorado at Boulder once again joins the [long list](#) of CHP-based district energy systems in the country (the majority of those at colleges and universities) with its plans to restart its 33-megawatt CHP district energy system.

The university shut its turbines down in 2004 when high natural gas prices made them economically impractical, but gas prices have since fallen to where CHP again makes sense for the campus. The district energy system will deliver electricity, heating, and cooling to campus buildings.

The move is part of a [\\$91-million upgrade](#) to the campus utility system that will renovate the existing CHP facility and construct a second heating and cooling facility on another part of the campus.

In addition to financial considerations, the decision to restart the CHP system helps the campus reach its [goal of climate neutrality](#).

Read more:

- [CU-Boulder plans to use natural gas-powered turbines once again](#) (Boulder Daily Camera)

- **Search for Project Profiles of CHP systems at other universities and colleges** (U.S. DOE Intermountain Clean Energy Application Center)
- **Other district energy expertise and resources** (International District Energy Association)

### New CHP System at Clarion Hotel in Phoenix

The Clarion Hotel in Phoenix has finished installation of a new 100-kilowatt CHP system that will reduce the hotel's energy bills-particularly during peak times-and pay for itself in less than 2.5 years.

The CHP system, built and financed by Phoenix-based project developer **Easy Energy**, will generate electricity for the guestrooms and recycle the waste heat for the pool, spa, and guestroom water needs. "We had to find a way to decrease our electricity costs without impacting the comfort and services for our hotel guests," says James Evanoff, general manager of Clarion Hotel Phoenix.

The project received an \$80,000 **energy efficiency rebate from Southwest Gas**. Southwest Gas still has rebate funds available for additional CHP projects.

### Upcoming Events

- **Heat Is Power Inaugural Annual Meeting** (Aug 13-15, 2012, Albuquerque, NM)
- **Free Webinar: Chemical Industry Applications for Combined Heat and Power** (July 13, 2012, 10:30am-12pm MDT, U.S. DOE Southeast Clean Energy Application Center)

## Project Showcase: Southside Water Reclamation District



### Project Showcase

New Mexico's largest wastewater treatment plant uses combined heat and power to manage costs, increase reliability, and generate renewable energy. Southside Water Reclamation District in Albuquerque has used CHP for over 25 years. The plant analyzed its utility rates compared to its CHP costs in order to maximize the savings. **Read more in the full 2-page Project Profile.**