

Who We Are

The Alliance for Industrial Efficiency is a coalition of business, labor, non-profit organizations, and educational institutions who educate about the benefits of Combined Heat and Power (CHP) and Waste Heat to Power (WHP) and advocate for best practice policies to increase their use. The Alliance is staffed by David Gardiner and Associates and guided by its Steering Committee and Affiliate Members:

Steering Committee: AB Energy USA, LLC • American Gas Association (AGA) • ICF International • National Electrical Contractors Association (NECA) • Ormat Technologies • Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) • Sheet Metal, Air, Rail & Transportation Union (SMART) • Siemens • Sterling and Wilson Cogen LLC • Veolia Energy North America

Affiliate Members: Energy Resources Center • Entropy Research, LLC • Heat is Power Association (HiP) • Houston Advanced Research Center • Midwest Energy Efficiency Alliance (MEEA) • NC Clean Energy Technology Center • Pace Energy and Climate Center • Pennsylvania State University, School of Engineering • Power Equipment Associates, Ltd. • The Southwest Energy Efficiency Project (SWEET) • Washington State University Energy Program

The Promise of Combined Heat and Power and Waste Heat to Power

The Alliance supports the use of CHP and WHP to harness the heat that is lost during conventional power generation—and using it to make American businesses, manufacturers, and institutions more efficient and competitive. And because CHP systems can operate independently of the grid, sites that use it can keep the lights on during extreme weather events.

If CHP provided 20 percent of U.S. electric capacity, we could:

- Create nearly 1-million new highly skilled technical jobs across the country;
- Save the United States more than 5 quadrillion Btu (Quads) of fuel annually, the equivalent of nearly half the total energy currently consumed by U.S. households;
- Produce 200,000 megawatts of power, equivalent to the power produced by roughly 400 conventional power plants; and
- Reduce pollution by an amount equivalent to that produced by approximately one-half of the passenger vehicles on the road.

What We Do

The Alliance drives investments in CHP and WHP in four ways:

1. **Communicating with thought leaders and the public** about CHP and WHP's benefits and best practices through case studies, business round tables, facility tours, blog posts, and social media.
2. **Removing financial barriers** by supporting financial incentives, such as an Investment Tax Credit, Master Limited Partnerships, Private Activity Bonds, and utility efficiency programs for CHP and WHP.
3. **Identifying and overcoming utility barriers** to CHP and WHP by analyzing burdensome and inconsistent standby rates, challenging industrial opt-outs, and opening a dialogue with state decision-makers.
4. **Working with the Administration** to advance CHP and WHP by supporting DOE's Technical Assistance Partnerships and efforts to increase deployment on federal property.

To learn more about joining the Alliance, visit our website alliance4industrialefficiency.org