



# The Alliance for Industrial Efficiency

A Coalition to Drive Manufacturing Competitiveness

## Who We Are

The Alliance for Industrial Efficiency is a coalition of business, labor, and non-profit organizations who advocate for policies to increase U.S. manufacturing competitiveness through industrial energy efficiency, especially the use of Combined Heat and Power (CHP) and Waste Heat to Power (WHP). CHP and WHP could provide nearly 20 percent of America's electricity while cutting emissions and enhancing manufacturing competitiveness. The Alliance coordinates lobbying of Congress and the Administration by its members, develops coordinated communications strategies, and mobilizes its members and affiliates to support an expanded awareness and focus on industrial efficiency. The Alliance is staffed by David Gardiner & Associates and guided by a Steering Committee of its members:

Association of State Energy Research Institutions (ASERTTI) • Energy Resources Center • Institute for Industrial Productivity • National Electrical Contractors Association (NECA) • Ormat Technologies • Pew Charitable Trusts • Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) • Sheet Metal, Air, Rail & Transportation Union (SMART) • Veolia Energy North America.

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

Conventional power generation is inefficient. In fact, roughly two-thirds of energy inputs (68 percent) are simply emitted into the air, with a mere 32 percent actually delivered to customers. The results are lost competitiveness and jobs, as well as increased pollution. Fortunately, cost-effective alternatives already exist in the form of CHP and WHP. CHP could supply 20 percent of U.S. electric capacity by 2030, reducing business costs and creating good-paying jobs, according to a 2008 scenario by the Department of Energy's Oak Ridge National Laboratory. More recent technical analysis is consistent with this scenario. 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 tries to drive investments in energy efficiency in three ways:

1. **Removing financial barriers** by supporting an expansion of the Investment Tax Credit and Master Limited Partnerships for CHP and Waste Heat to Power.
2. **Creating incentives** for CHP and Waste Heat to Power by overcoming utility barriers and ensuring their inclusion in clean energy standards.
3. **Working with the Administration** to advance CHP and Waste Heat to Power through the Environmental Protection Agency's Clean Air Act rules and to increase federal procurement and deployment of these technologies.

To learn more about the Alliance, contact us at [allianceinfo@dgardiner.com](mailto:allianceinfo@dgardiner.com)