U.S. Department of Energy

CHP Technical Assistance Partnerships

Combined heat and power (CHP) is an efficient and clean approach to generating on-site electric power and useful thermal energy from a single fuel source. Instead of purchasing electricity from the distribution grid and burning fuel in an on-site furnace or boiler to produce thermal energy, CHP provides both energy services to a facility in one energy-efficient step.

Highlighting the benefits of CHP as an energy resource, Executive Order 13624 established a national goal of 40 gigawatts of new CHP capacity by 2020. In support of this goal, the U.S. DOE Advanced Manufacturing Office's CHP Deployment Program provides stakeholders with the resources necessary to identify CHP market opportunities and support implementation of CHP systems in industrial, federal, commercial, institutional, and other applications. DOE's **CHP Technical Assistance Partnerships (TAPs)**[1] provide national coverage to assist in the fulfillment of this goal.

DOE's CHP TAPs promote and assist in transforming the market for CHP, waste heat to power, and district energy with CHP throughout the United States. Key services include:

- **Market Opportunity Analyses** – Supporting analyses of CHP market opportunities in diverse markets including industrial, federal, institutional, and commercial sectors.
- **Education and Outreach** – Providing information on the energy and non-energy benefits and applications of CHP to state and local policy makers, regulators, energy end-users, trade associations and others.
- **Technical Assistance** – Providing technical assistance to end-users and stakeholders to help them consider CHP, waste heat to power, and/or district energy with CHP in their facility and to help them through the project development process from initial CHP screening to installation.

For more information on the DOE CHP TAPs, visit:

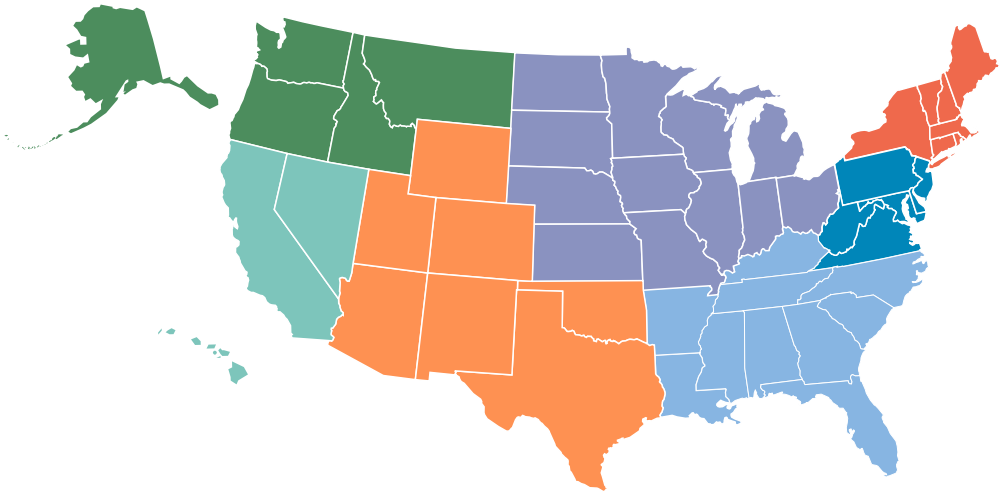
http://energy.gov/eere/amo/chp-technical-assistance-partnerships

or visit the individual DOE CHP TAPs web sites directly for details on the services provided and upcoming events.

Related Links

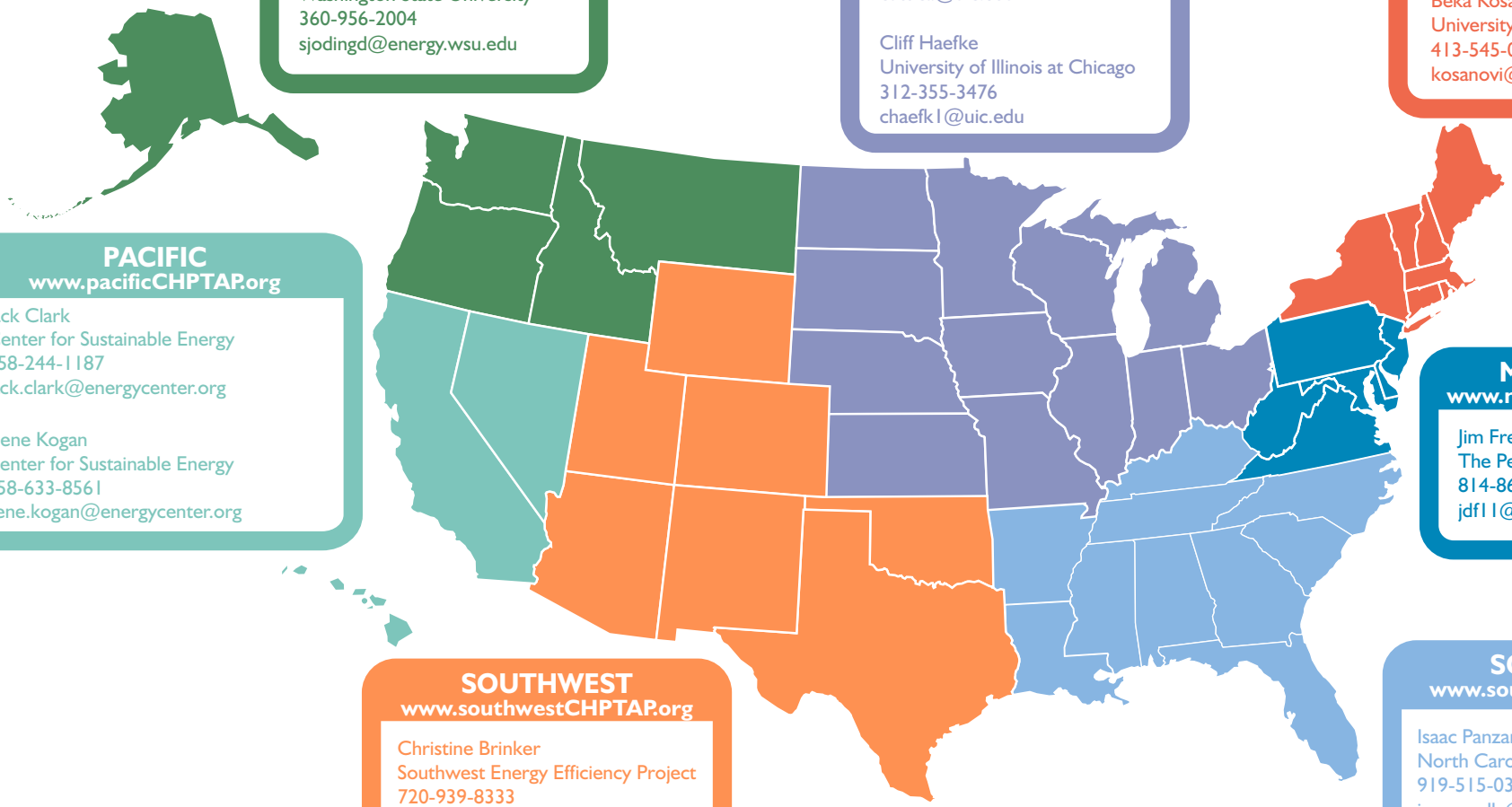
U.S. Environmental Protection Agency
Combined Heat and Power Partnership
www.epa.gov/chp

International District Energy Association
www.districtenergy.org



[1] Formerly called DOE Clean Energy Application Centers (CEACs).

DOE CHP Technical Assistance Partnerships (CHP TAPs)



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