

### 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)**<sup>1</sup> 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 endusers 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.

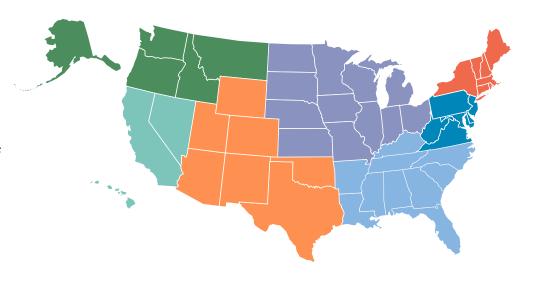
#### For more information on the DOE CHP TAPs, visit:

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



<sup>&</sup>lt;sup>1</sup> Formerly called DOE Clean Energy Application Centers (CEACs).

## DOE CHP Technical Assistance Partnerships (CHP TAPs)

#### **NORTHEAST** www.northeastCHPTAP.org Tom Bourgeois Pace University **NORTHWEST** 914-422-4013 www.northwestCHPTAP.org **MIDWEST** tbourgeois@law.pace.edu Dave Sjoding www.midwestCHPTAP.org Washington State University Beka Kosanovic Cliff Haefke 360-956-2004 University of Massachusetts Amherst University of Illinois at Chicago sjodingd@energy.wsu.edu 413-545-0684 312-355-3476 kosanovi@ecs.umass.edu chaefk | @uic.edu **PACIFIC** www.pacificCHPTAP.org Center for Sustainable Energy 858-244-1187 **MID-ATLANTIC** jack.clark@energycenter.org www.midatlanticCHPTAP.org Jim Freihaut Gene Kogan The Pennsylvania State University Center for Sustainable Energy 858-633-8561 814-863-0083 jdf11@psu.edu gene.kogan@energycenter.org **SOUTHEAST SOUTHWEST** www.southeastCHPTAP.org www.southwestCHPTAP.org Isaac Panzarella Christine Brinker North Carolina State University Southwest Energy Efficiency Project 919-515-0354 720-939-8333 ipanzarella@ncsu.edu cbrinker@swenergy.org

**DOE CHP Technical Assistance** Partnerships (TAPs): **Program Contacts** 

Claudia Tighe CHP Deployment Lead Office of Energy Efficiency and Renewable Energy U.S. Department of Energy Phone: 202-287-1899

E-mail: claudia.tighe@ee.doe.gov

Office of Energy Efficiency and Renewable Energy U.S. Department of Energy Phone: 720-356-1536 E-mail: jamey.evans@go.doe.gov

Project Officer, Golden Field Office

Jamey Evans

Patti Welesko Garland **CHP Technical Support Coordinator** DOE CHP TAPs Coordinator Oak Ridge National Laboratory Supporting, Office of Energy Efficiency and Renewable Energy U.S. Department of Energy Phone: 202-586-3753 E-mail: garlandpw@ornl.gov

Power Equipment Associates Supporting, Office of Energy Efficiency and Renewable Energy Phone: 630-248-8778 E-mail: tlbronsonpea@aol.com

Ted Bronson