



U.S. DEPARTMENT OF ENERGY CHP Deployment Program

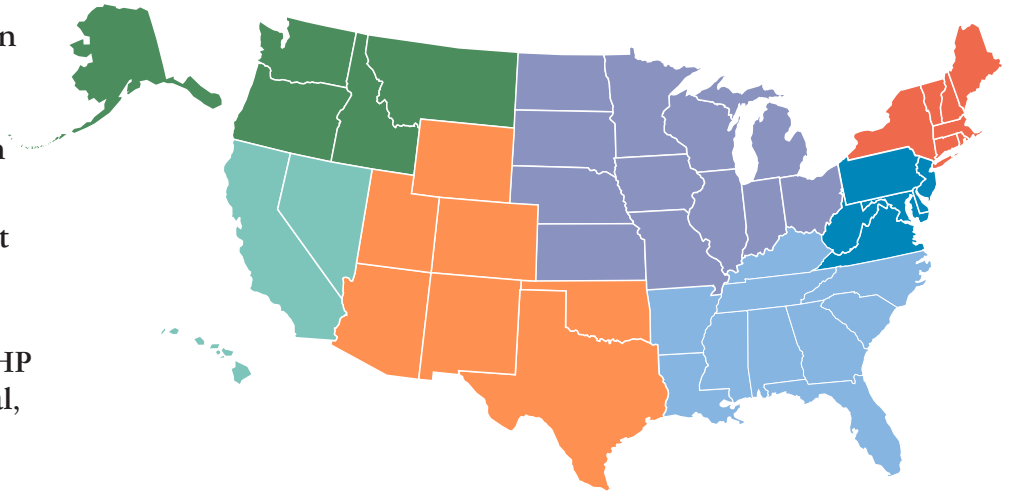
Combined heat and power (CHP) is an efficient and clean approach to generating on-site electric power and useful thermal energy from a single fuel source. Instead of purchasing electricity from the distribution grid and burning fuel in an on-site furnace or boiler to produce thermal energy, CHP provides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

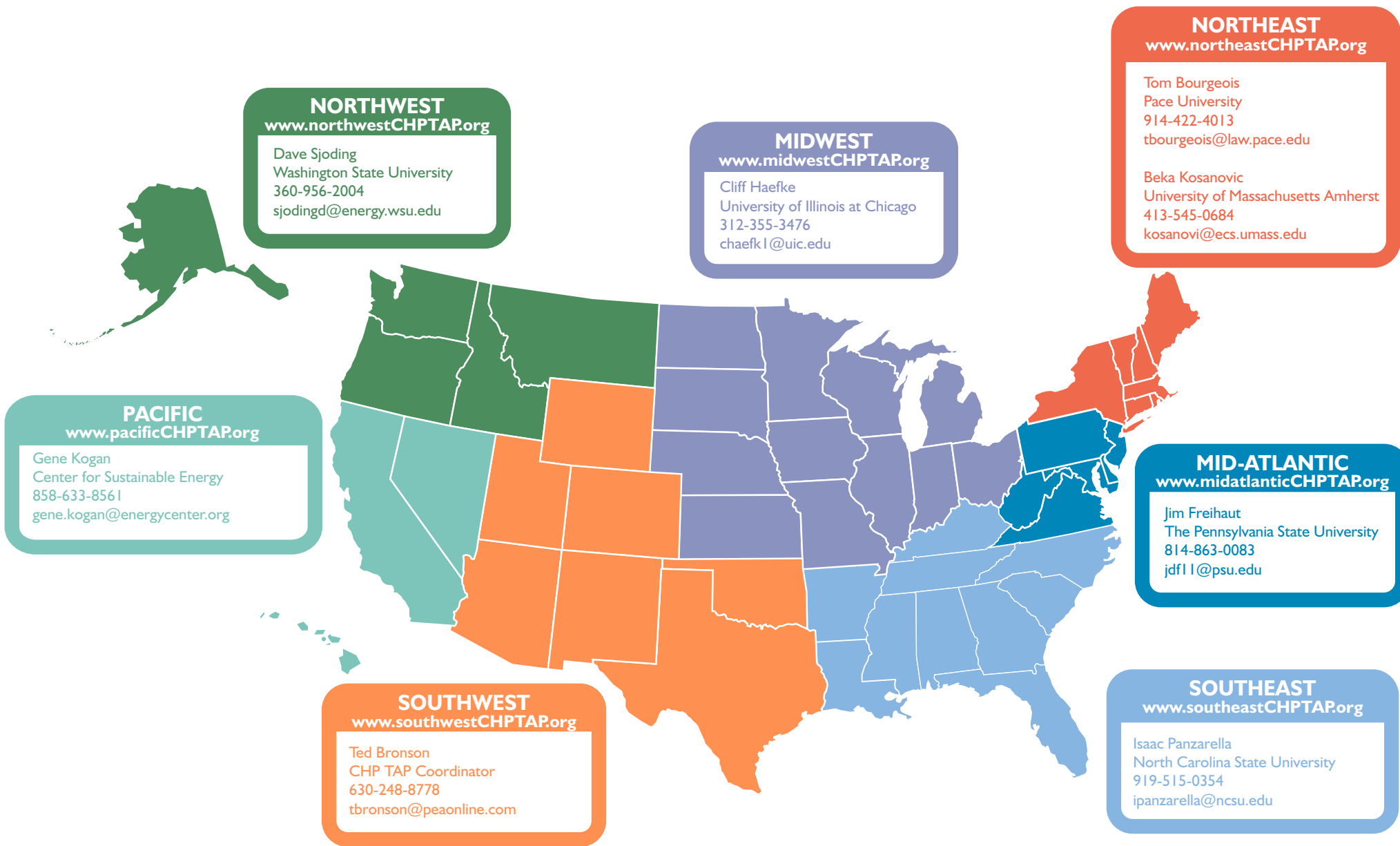
- **Market Opportunity Analyses** – Supporting analyses of CHP market opportunities in diverse markets including industrial, federal, institutional, and commercial sectors.

- **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.



Note: Detailed CHP TAP contact information found on reverse side of this sheet

DOE CHP Technical Assistance Partnerships (CHP TAPs)



NORTHWEST www.northwestCHPTAP.org

Dave Sjoding
Washington State University
360-956-2004
sjodingd@energy.wsu.edu

MIDWEST www.midwestCHPTAP.org

Cliff Haefke
University of Illinois at Chicago
312-355-3476
chaefk1@uic.edu

NORTHEAST www.northeastCHPTAP.org

Tom Bourgeois
Pace University
914-422-4013
tbourgeois@law.pace.edu

Beka Kosanovic
University of Massachusetts Amherst
413-545-0684
kosanovi@ecs.umass.edu

PACIFIC www.pacificCHPTAP.org

Gene Kogan
Center for Sustainable Energy
858-633-8561
gene.kogan@energycenter.org

MID-ATLANTIC www.midatlanticCHPTAP.org

Jim Freihaut
The Pennsylvania State University
814-863-0083
jdf11@psu.edu

SOUTHWEST www.southwestCHPTAP.org

Ted Bronson
CHP TAP Coordinator
630-248-8778
tbronson@peaonline.com

SOUTHEAST www.southeastCHPTAP.org

Isaac Panzarella
North Carolina State University
919-515-0354
ipanzarella@ncsu.edu

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

chp@ee.doe.gov

Claudia Tighe
CHP Deployment Program Manager
Office of Energy Efficiency and Renewable Energy (EERE)
U.S. Department of Energy
E-mail: claudia.tighe@ee.doe.gov

Jamey Evans
Project Officer, Golden Field Office
EERE
U.S. Department of Energy
E-mail: jamey.evans@go.doe.gov

Patti Welesko Garland
Enterprise Account POC
CHP Deployment Program
EERE, U.S. Department of Energy
E-mail: Patricia.Garland@ee.doe.gov

Ted Bronson
DOE CHP TAP Coordinator
Power Equipment Associates
Supporting EERE
U.S. Department of Energy
E-mail: tbronson@peaonline.com