



CHP
TECHNICAL ASSISTANCE
PARTNERSHIPS

The Ohio Center for Industrial Energy Efficiency

Program Description

The Ohio Center for Industrial Energy Efficiency (OCIEE) facilitates training events focused on energy efficiency best practices and technology demonstrations. A primary goal of OCIEE is to make Ohio companies more competitive in the marketplace by connecting businesses with drivers for energy efficiency, such as incentives and financing, subject matter expertise, and education. OCIEE was established in 2009 to serve as a focal point for industrially directed energy efficiency activities, and the Center continues to deliver a diverse portfolio of training workshops focused on improving efficiency, including the use of combined heat and power (CHP). A key message of OCIEE is that “[CHP] technologies can represent cost-effective, near-term opportunities to improve your facility’s energy, environmental, economic, and resiliency future.”

CHP Workshops and Events

OCIEE’s CHP workshops focus on decision-making inputs for CHP implementation, availability of resources and incentives, and site tours (where appropriate). Since 2016, OCIEE has offered CHP workshops and site tours, including:



CHP: Improve Energy Efficiency While Generating Electricity On-Site, held as a webinar on June 23, 2020, included a presentation from 2G Energy highlighting the 1,800 kW CHP installation at the KB Bio Energy facility in Akron, Ohio.



Combined Heat and Power for Industrial, Institutional, and Commercial Facilities, held in June 2017 in Toledo, Ohio, included a site tour of the Huntington Center’s CHP system.



Combined Heat and Power (CHP): Improving Your Facility’s Energy, Environmental, Economic, and Resiliency Future, held on September 2019 in Circleville, Ohio, included a site tour of the CHP systems at Sofidel America Corporation.



Combined Heat and Power and Waste Heat Recovery for Industrial, Institutional, and Commercial Facilities, held on May 24, 2017, at the Ohio State University Fawcett Center in Columbus, Ohio, included an overview of AEP Ohio’s CHP incentive program.



Combined Heat and Power (CHP) and Fuel Cell Technologies for Industrial, Institutional, and Commercial Facilities, held in April 2018 in Hudson, Ohio, included a site tour of the Kent State University CHP system.



Combined Heat and Power and Waste Heat to Power for Industrial, Institutional, and Commercial Facilities, held in September 2016 in Cleveland, Ohio, included a site tour of the Dominion East Ohio Headquarters CHP system.

Program Coordinator

Graphet Data Mining, an Ohio company and strategic energy management services provider, coordinates the activities of OCIEE with a mission to:

- Serve as an outreach mechanism for energy efficiency best practices.
- Deliver information about energy efficiency products and services developed by the Ohio Energy Office to Ohio companies in a cost-effective manner.
- Illustrate how U.S. Department of Energy (DOE) products and services can be integrated into Ohio's program for industrial energy efficiency in a continuing statewide effort.

Graphet's extensive experience empowering energy efficiency for industrial and commercial customers helps ensure relevant, content-rich, actionable training sessions that benefit Ohio's businesses.

Summary of Policy Results and Lessons Learned

OCIEE services were originally projected to drive energy savings estimated at 5.4 trillion Btu per year by 2015, along with an emissions reduction of approximately 300,000 tons of carbon dioxide per year.¹

Since 2015, OCIEE's impact has only continued to grow. Through a strong consortium of utility and industry leaders, OCIEE serves "Ohio's energy champions," providing resources for implementing energy management best practices and serving Ohio manufacturers and other energy users. OCIEE has achieved its success by:

- Building a strong partnership with utility providers, which informs the development of relevant content and helps drive turnout to events.
- Establishing positive relationships with other partners, from subject matter experts to businesses of all sizes.
- Ensuring that subject matter experts recruited for workshop presentations are relatable to a wide audience.
- Maintaining topic integrity in presentations by subject matter experts, and having the OCIEE coordinator review presentation materials in advance to avoid any "sales pitches."
- Highlighting available technical assistance through the DOE CHP Technical Assistance Partnership.

Through best practices training and technology demonstration, OCIEE CHP workshops empower customers to achieve their efficiency and cost-saving goals with the installation of combined heat and power.

– Dan Boes, Dominion Energy

For More Information

U.S. DOE MIDWEST CHP TECHNICAL ASSISTANCE PARTNERSHIP (CHP TAP)

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www.mwchptap.org

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¹"Ohio Center for Industrial Energy Efficiency," DOE Office of Energy Efficiency and Renewable Energy, last updated January 2015, <https://www.energy.gov/eere/amo/ohio-center-industrial-energy-efficiency>