

AEP Ohio hosts: ...

Combined Heat and Power and Waste Heat to Power for Industrial, Institutional, and Commercial Facilities

Learn about AEP Ohio's NEW CHP Incentive Rebate Program

May 24, 2017 – Columbus, OH

Overview

Combined Heat and Power (CHP), also referred to as cogeneration, provides an opportunity to generate on-site electric power and useful thermal energy from a single fuel source. Similarly, **Waste Heat to Power (WHP)** is the process of capturing heat discarded by existing process, such as kilns, furnaces, ovens, turbines, engines, and other equipment and using that heat to generate electricity. Both approaches represent cost-effective, near-term opportunities to improve your facility's energy, environmental, and economic future.

Ohio Center for Industrial Energy Efficiency



AEP Ohio recently launched their "Combined Heat & Power and Waste Energy Recovery Program" that offers incentive rebates of \$0.035 per kWh recovered. More information:

<https://www.aepohio.com/save/business/programs/CombinedHeatandPower.aspx>

Agenda

- **8:00 a.m. Breakfast, Registration Opens**
- **8:45 a.m. Welcome**
Manny Anunike, Ohio Development Services Agency – Office of Community Assistance – Energy Section
Larry Boyd, Ohio Center for Industrial Energy Efficiency
Andy McCabe, AEP Ohio
Cliff Haefke, US DOE Midwest CHP Technical Assistance Partnership
- **9:00 a.m. CHP: The Concept**
Graeme Miller, US DOE Midwest CHP Technical Assistance Partnership
- **9:25 a.m. CHP in Ohio**
Trish Demeter, Ohio Environmental Council
- **9:45 a.m. CHP: The Business Case – Developing a CHP Project**
Steven Giles, Hull & Associates, Inc.

- **10:15 a.m. CHP Technologies – Microturbines**
Greg Steenrod, GEM Energy
- **10:45 a.m. Break**
- **11:00 a.m. CHP Technologies – Reciprocating Engines**
Kevin Abke, Ohio CAT
- **11:30 a.m. CHP Technologies – Waste Heat to Power**
Eric Maxeiner, Echogen
- **12:00 p.m. Lunch**
- **1:00 p.m. CHP: Case Studies**
 - Case Study #1: DTE Marietta @ Solvay Specialty Polymers, Marietta, Ohio (8 MW combustion turbine)*
Speaker: Michael Larson, DTE Energy Services
 - Case Study #2: CHP at the Dublin Community Recreation Center (248 kW reciprocating engine)*
Speaker: Mark Drabick, IGS CNG Services
 - Case Study #3: CHP Microturbine Projects*
Speaker: Greg Steenrod, GEM Energy
- **2:30 p.m. Working with Utilities**
 - AEP Ohio's New CHP Incentive Rebate Program*
Speaker: Michelle Cross, AEP Ohio
 - DP&L's CHP Incentive Rebate Program and CHP Electric Interconnection Requirements*
Speaker: Lyle Garrison, Dayton Power & Light
 - Natural Gas Interconnection of CHP Technologies*
Speaker: Richard Ricks, Columbia Gas
- **3:30 p.m. Closing Thoughts / Next Steps**
Cliff Haefke, US DOE Midwest CHP Technical Assistance Partnership
- **3:45 p.m. Adjourn**

Location

**Fawcett Center at Ohio State University
2400 Olentangy River Road
Columbus, Ohio 43210**

Registration

- Online RSVP for Registration at:
<http://events.constantcontact.com/register/event?llr=so74cddab&oeidk=a07ee340sk3c5b47c17>

For Additional Information Contact:

Larry Boyd
Lawrence Boyd and Associates
216-323-1898
lcb26@hotmail.com

Mike LaScola
AEP-Ohio
614-883-6883
mtlascola@aep.com