

Columbia Gas of Ohio hosts: ...

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

**Event Includes a tour of a 260 kW CHP System
Learn about Technical Assistance Opportunities**

June 27, 2017 – Toledo, 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. CHP represents a cost-effective, near-term opportunity to improve your facility's energy, environmental, and economic future.

Agenda

- **8:00 a.m. Breakfast, Registration Opens**
- **8:45 a.m. Welcome**
 - Leroy Smith, Columbia Gas of Ohio*
 - Manny Anunike, Ohio Development Services Agency – Office of Community Assistance – Energy Section*
 - Larry Boyd, Ohio Center for Industrial Energy Efficiency*
 - Cliff Haefke, US DOE Midwest CHP Technical Assistance Partnership*
- **9:00 a.m. CHP: The Concept**
 - John Cuttica, US DOE Midwest CHP Technical Assistance Partnership*
- **9:30 a.m. CHP: The Business Case – Developing a CHP Project**
 - Dr. Jay Balasubramanian, Siemens, Distributed Energy Systems Group*
- **10:00 a.m. CHP Technologies – Microturbines**
 - Greg Steenrod, GEM Energy*
- **10:30 a.m. Break**
- **10:45 a.m. CHP Technologies – Combustion Turbines**
 - Jon Green, Lathrop Trotter*
- **11:15 a.m. CHP Technologies – Reciprocating Engines**
 - Kevin Abke, Ohio CAT*

Ohio Center for Industrial Energy Efficiency



- **11:45 p.m. Lunch**
- **12:30 p.m. CHP Site Tour**
Huntington Center (260 kW CHP System)
- **1:15 p.m. CHP: Case Study Panel Discussion**
 - *Case Study #1: DTE Marietta @ Solvay Specialty Polymers, Marietta, Ohio (8 MW combustion turbine)*
Michael Edison, DTE Energy
 - *Case Study #2: CHP at the Dublin Community Recreation Center (260 kW reciprocating engine)*
Matt Highland, IGS Generation
Mike Gatt, IGS Generation
 - *Case Study #3: Huntington Center and SeaGate Convention Center (260 kW CHP Systems)*
James W. "JT" Thielman, Huntington Center
Greg Steenrod, GEM Energy
- **2:30 p.m. CHP in Ohio and Working with Utilities**
CHP in Ohio and an Overview of AEP Ohio's CHP Incentive Rebate Program
Cliff Haefke, US DOE Midwest CHP Technical Assistance Partnership
DP&L's CHP Incentive Rebate Program and CHP Electric Interconnection Requirements
Lyle Garrison, Dayton Power & Light
Natural Gas Interconnection of CHP Technologies
Darin King, Columbia Gas of Ohio
- **3:30 p.m. Closing Thoughts / Next Steps**
Cliff Haefke, US DOE Midwest CHP Technical Assistance Partnership
- **3:45 p.m. Adjourn**



Location

Seagate Convention Center
401 Jefferson Ave
Toledo, OH 43604

Registration

- Online RSVP for Registration at:
<http://events.constantcontact.com/register/event?llr=so74cddab&oeidk=a07ee7816or1897d8b0>

For Additional Information Contact:

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

Leroy Smith
Columbia Gas of Ohio
440-891-2456
lsmith@nisource.com

