

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.

Ohio Center for Industrial Energy Efficiency



Agenda

- **8:00 a.m. Breakfast, Registration Opens**
- **8:45 a.m. Welcome**
Darin King for 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*
- **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 - CLOSED

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

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