

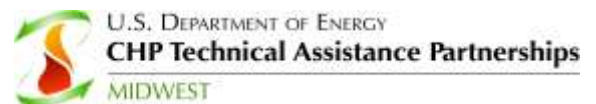
*Dominion Energy Ohio hosts...*

## **Combined Heat and Power (CHP) and Fuel Cell Technologies for Industrial, Institutional, and Commercial Facilities**

**April 25, 2018 – Dominion Energy Training Center - Hudson, 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 technologies include, but are not limited to, reciprocating engines, combustion turbines, microturbines, steam turbines, and **fuel cells**. These technologies can represent cost-effective, near-term opportunities to **improve your facility's energy, environmental, economic, and resiliency future**. The event will include a site tour of the Kent State University (KSU) Power Plant and their CHP system that produces up to 13 MW of electricity and 60,000 pounds of steam.



### **Agenda**

- **8:00 a.m. Breakfast, Registration Opens**
- **8:45 a.m. Welcome**  
*Ohio Development Services Agency – Office of Community Assistance – Energy Section*  
*The Ohio Center for Industrial Energy Efficiency*
- **9:00 a.m. CHP: The Concept**
- **9:30 a.m. CHP: The Business Case**
- **10:00 a.m. CHP Technologies – Natural Gas Fuel Cells**
- **10:30 a.m. Break**
- **10:45 a.m. CHP Technologies and Case Studies in Ohio**  
*Microturbines*  
*Reciprocating Engines*  
*Combustion Turbine*
- **12:00 p.m. Lunch**
- **12:45 p.m. Working with Utilities**

*CHP Policies throughout Ohio  
Natural Gas Interconnection for CHP Technologies  
CHP Incentive Rebate Programs  
CHP Interconnection Requirements*

- **2:00 p.m. Closing Thoughts / Available Resources**

## **Presentations**

- [CHP the Concept](#) – Graeme Miller
- [CHP the Business Case](#) – Tom Smith, SW Cogen
- [Combustion and Steam Turbines – Lathrop Trotter](#)
- [Microturbines](#) – Greg Steenrod
- [Reciprocating Engines](#) – Keven Abke, CAT
- [Agriculture and WWTP](#) – Martin Energy Group
- [Energy Factsheet: ODSA Energy Efficiency Program](#)
- [CHP Program](#) – AEP Ohio

## **CHP Tour at Kent State University**

Video of KSU Power Plant: <https://www.kent.edu/sustainability/kent-state-university-power-plant>

- **5:00 p.m. Adjourn**

## **Location**

**Dominion Energy  
Ohio Training Center  
418 East Hines Hill Road  
Hudson, OH 44236**

**Kent State University  
Facilities Management  
1781 Summit St,  
Kent, OH 44240**

## **Registration**

- Online RSVP for Registration at: [www.MidwestCHPTAP.org/April25OhioCHP](http://www.MidwestCHPTAP.org/April25OhioCHP)

## **For Additional Information Contact:**

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