

# Midwest CHP Application Center

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Director: John J. Cuttica

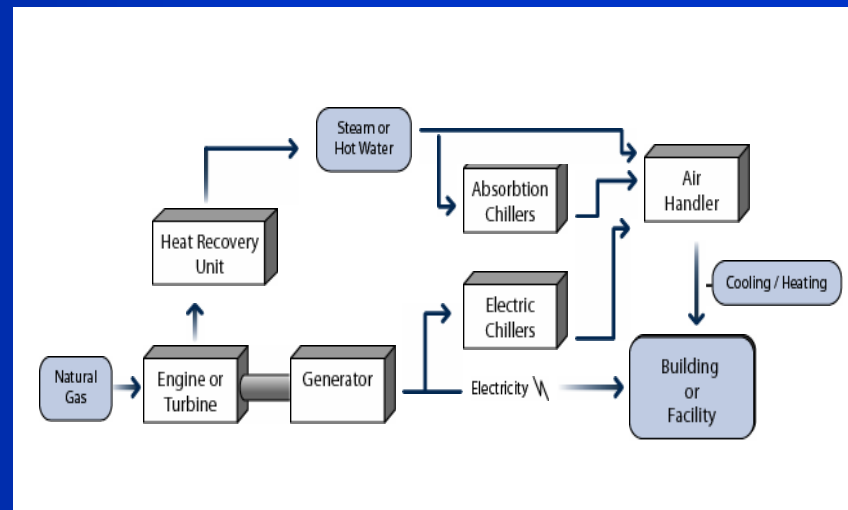


In Association with  
University of Illinois at Chicago  
Energy Resource Center



# What is CHP?

- **Integrated System**
- **Located At or Near a Building/Facility**
- **Provides at Least a Portion of the Electrical Load of the Facility**
- **Utilizes the Thermal Energy**
  - **Cooling**
  - **Heating**
  - **Dehumidification**
  - **Process Heat**



# Midwest CHP Application Center

- **U.S. DOE Sponsored Center**
  - With Support From the Eight Midwest States
- **Initiated In March 2001**
- **Service Area Includes:**
  - Illinois
  - Indiana
  - Iowa
  - Michigan
  - Minnesota
  - Missouri
  - Ohio
  - Wisconsin
- **Close Coordination with the DOE Midwest Regional Office & Midwest CHP Initiative**



# Midwest CHP Application Center

## Mission:

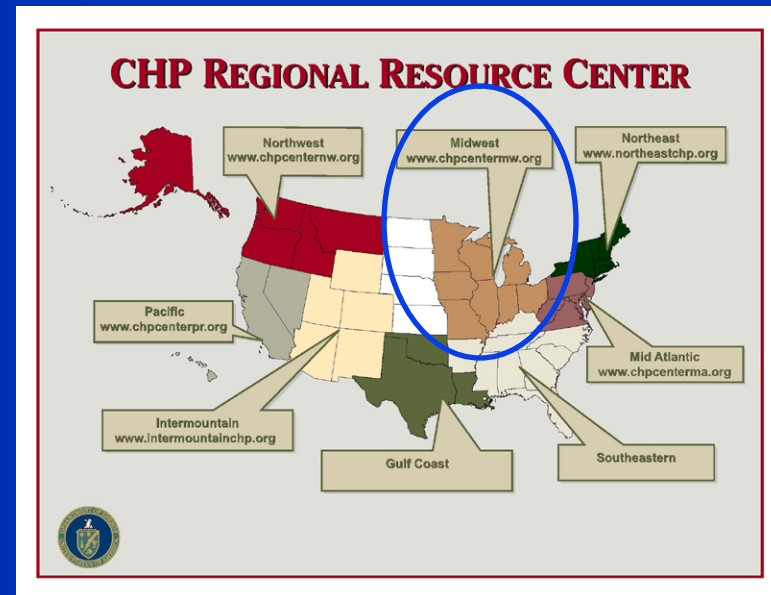
Develop Technology Application Knowledge and the Educational Infrastructure Necessary to:

- Reduce Perceived Risks
- Foster CHP as a Viable:
  - » Technical and Financial Option
  - » Energy and Environmental Option

## Approach:

Provide Targeted:

- Education
- Information
- Technical Assistance



# Midwest CHP Initiative

- **Voluntary, Ad-Hoc Action Oriented Group:**
  - **State Energy Offices**
  - **Environmental, Industry, Educational, and Government Entities**
- **Work with the MAC to Coordinate Regional Collaboration in CHP Area**
  - **Provide Input and Guidance to MAC Activities**
  - **Provide Deployment Mechanism for MAC Deliverables / Outputs**

# Available Center Services

- **Website with CHP Information**
  - [www.CHPCenterMW.org](http://www.CHPCenterMW.org)
- **Full Gamut of Targeted Workshops / Courses**
  - Ethanol Industry
  - Biomass (Swine)
  - State Regulators
  - Univ. Level Course
  - Hospital / Healthcare
  - K thru 12 Schools
  - A/E Firms
  - Industrial Firms

# Available Center Services

- **Technical Assistance:**
  - **Site Analysis**
  - **Application Studies**
  - **Financial Analysis**
  - **Site Instrumentation**

# Regulatory Workshops

**Provide a Forum for Midwest State Regulators to Share Information and Discuss Pertinent CHP Issues**

- **Feb. 2002 (Chicago) – State Interconnect Procedures – 19 Attendees (7 Midwest PUCs Represented)**
- **May 2003 (Minneapolis) – DG Tariffs – 20 Attendees (6 Midwest PUCs Represented)**
- **June 2005 (Detroit) – Effect of CHP Regulations on State Jobs & Consumer Benefits**





# For Further Information

- **Midwest CHP Application Center**

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- **Midwest CHP Initiative**

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- **DOE – Midwest Regional Office**

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