



2021 MCA Combined Heat & Power Conference:
“Strategizing For Our Energy Future”

August 10-12, 2021

(2 sessions per day, 10:00AM CDT and 1:30PM CDT, 1 networking session on Aug. 11th at 4:00PM CDT)

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Day 1 – Tuesday, August 10, 2021

10:00 AM CDT – 11:30 AM CDT

Session #1 – Opening Session and Roundtable of Midwest State Energy Policy Activities

Opening remarks will be provided on the combined heat and power industry in the Midwest region. Following, a panel of state energy office representatives from the Midwest and Central region states will provide an overview of the goals, priorities, and activities that are impacting the energy sector in each of the identified states.

Moderator: Cliff Haefke, Midwest Cogeneration Association

Martin Hyman, Missouri Division of Energy

David Herb, Michigan Department of Environment, Great Lakes, and Energy

Chad Kruse, Office of Energy, Illinois Environmental Protection Agency

Lise Trudeau, Minnesota Department of Commerce, State Energy Office

1:30PM CDT – 3:00 PM CDT

Session #2 – Combined Heat and Power’s Role in the Transition to Decarbonization

Combined Heat and Power (CHP) is a clean energy efficient solution that offers economic competitiveness and resiliency benefits among many other benefits. CHP is also experiencing new challenges that are affecting the market development, including the future of a carbon constrained world. Learn from the panelists about strategies of implementing CHP in the near and long term future.

Moderator: Pat Sharkey, Midwest Cogeneration Association

Graeme Miller, U.S DOE Midwest Combined Heat and Power Technical Assistance Partnership

Michael Larson, DTE Energy Service

Nick Dreher, Midwest Energy Efficiency Alliance

Doug Scott, Great Plains Institute

Thomas Smith, Caterpillar

Day 2 – Wednesday, August 11, 2021

10:00 AM CDT – 11:30AM CDT

Session #3 – Sustainable Combined Heat and Power Systems: Design, Installation, and Operation

This session will explore three combined heat and power case study projects, exploring the drivers for implementing these projects, the lessons learned throughout the design, installation, and operation phases, and understanding the sustainability of these CHP projects within their respective organizations.

Moderator: Kevin O’Connell, Michigan CAT

Mike Siefert, Missouri Public Utility Alliance, CHP Projects at Poet Biorefineries (Missouri)

Megan Kaiser, Bell’s Brewery, CHP Project at Bell’s Brewery (Kalamazoo, Michigan)

1:30PM CDT – 3:00 PM CDT

Session #4 – The Current and Future Fuels of Combined Heat and Power: Taking a Look at Natural Gas, Renewable Fuels, and Hydrogen

Combined Heat and Power systems have traditionally operated on natural gas, today nearly 72% of all existing CHP generating capacity is fueled by natural gas. Learn about the utilization and trends of the natural gas, renewable gas, and hydrogen fuel industries, their applicability today and what we may see in the future.

Moderator: James Leidel, DTE Energy, Gas Major Accounts

Rick Murphy, American Gas Association

Daniel Robb, Frontier Energy

Prof. Jack Brouwer, University of California Irvine

4:00 PM CDT – 5:00 PM CDT

Networking Session

Join the Zoom virtual conference networking session to interact with conference attendees in a two-part session, first kicking off with trivia questions and prizes, hosted by Dean Karafa of EDS Power Consulting LLC, and the second part of the session, hosted by MCA President Cliff Haefke, gathering and sharing CHP industry strategies and opportunities through online polling and discussion. (Session hosted on Zoom)

Day 3 – Thursday, August 12, 2021

10:00 AM CDT – 11:30AM CDT

Session #5 – Strategizing and Planning with Gas Utilities to Advance Combined Heat and Power

Join a panel of gas utility representatives as they engage with one another and take questions from audience conversing on the various benefits, impediments, and opportunities for gas utilities to explore and strategize with the concepts and technologies of combined heat and power.

Moderator: Jane Epperson, U.S. DOE Central Combined Heat and Power Technical Assistance Partnership

Tom Manjarres, Peoples Gas and North Shore Gas

Shaylyn Dean, Spire Energy

Casey Woodside, Black Hills Energy

1:30PM CDT – 3:00 PM CDT

Session #6 – The Roles of Microgrids and Micro-CHP to Help Advance Our Energy System

CHP-powered microgrids are becoming more prevalent in resilience planning as these systems not only provide the benefit of essential energy services during catastrophic weather and emergencies, but can also deliver cost savings, distribution capacity, power quality benefits, and environmental benefits. In this session, also learn about the trends of micro-CHP applications, hearing about the technologies, ideal applications, market trends, and industry growth opportunities.

Moderator: Allen Dusault, Franklin Energy

Yoshi Sekihisha, Aisin Group

Tim Kingston, Gas Technology Institute

Aleksandar Vucojevic, ComEd