

2020 INDIANA VIRTUAL CONFERENCE ON ENERGY MANAGEMENT

August 19, 2020

LIVE EVENTS

9:00-10:30 a.m. Opening General Session

Welcome and Program Overview

Jennifer George, Director, Business Education & Events, Indiana Chamber of Commerce

Legislative Update Panel

Greg Ellis, Vice President, Environmental and Energy Policy, Indiana Chamber; Joe Rompala, Indiana Industrial Energy Consumers, Inc.; Danielle McGrath, President, Indiana Energy Association; and Ryan Hadley, Executive Director of External Affairs, Indiana Utility Regulatory Commission

Keynote Presentation: Strategy for the Future: Energy Transition, Competitiveness and the Future Midwest

Dr. Craig Hart, Executive Director of the Pace Energy and Climate Center, Pace University Law School

10:30 a.m.-12:00 p.m. Virtual Expo

10:45-11:45 a.m. Live Educational Sessions (Choose One)

A. Utility-Scale Energy Storage Using Old Coal Mines

- Wind and solar are cheap, but need cheap storage
- Pumped hydro storage is an established technology
- Indiana abandoned coal mines provide low-cost grid storage

Peter Schubert, Professor, IUPUI

B. Efficiency, Help from your Utility

- Utilities have money available for your efficiency projects
- Indiana case studies: large, medium and small
- What does efficiency look like when it gets to the bottom line?

Carl Andre, Field Engineer, Business Development, NIPSCO, TRC

1:00-2:00 p.m. Afternoon General Session

Keynote Presentation: Sustainability Panel

Panelists: Pamela Cooper Griesemer, MS, V.P., Sustainability Services, KERAMIDA Inc.; Belinda Puetz, Director of Marketing, CountryMark; Chris Martin, Mayor, City of Logansport. Moderator: Lauren Howard, Conscious Capitalism Indianapolis Chapter.

2:00-4:00 p.m. Virtual Expo

2:15-3:15 p.m. Live Educational Sessions (Choose One)

C. Cummins Vision for PLANET 2050 Panel

- Cummins sustainability journey to PLANET 2050 involves lower-carbon innovation for customers, moving to a carbon neutral facility footprint and partnerships and policy to solve complex problems
- Learn how starting with a single energy efficiency goal 15 years ago has propelled Cummins to develop a bold strategy to lessen its carbon footprint

Panelists: Karen Cecil, Director – Global Environmental Sustainability; Laura Jones, Functional Excellence Manager – Facilities; David Schwarz, Director – Environmental Policy; and Amy Smith, Environmental Policy Leader, Cummins. Moderator: Laurie Counsel, Environmental Relations Director, Cummins

D. Retro-Commissioning (RCx): Insights and Opportunities for IPL Customers

- How RCx can improve building operation, comfort and energy cost management
- How an RCx provider and RCx study provide a framework for informed purchasing and facilities management plans
- How customers can work with IPL and other utility programs to prioritize and perform RCx at their facility

Heather Zeto, Program Manager, IPL Retro-Commissioning Program, Heapy Engineering and Mark Houdek, Customer Engagement – Commercial Programs, Indianapolis Power & Light Co.

3:30-4:30 p.m. Live Educational Sessions (Choose One)

E. Consumer Access to Regional Energy Markets

- While Indiana remains a regulated monopoly state for electricity service, in some circumstances manufacturers have been allowed indirect access to regional markets
- Access to regional markets is a timely topic as aging power plants are retired and utilities "right size" their systems for future decades.
- The balance of competing interests includes the risk of stranded costs for existing utility assets, versus the economic development benefits of lower energy costs for manufacturers

Todd Richardson, Director, Lewis Kappes P.C.; Bob Kuzman, Regional Director, Customer Affairs - Central Region, MISO; Dale Thomas, Assistant Director, Indiana Utility Regulatory Commission; and Goldman Sachs representative.

F. PepsiCo Indianapolis Cogeneration System

- Overview of the Indy Gatorade Cogeneration System
- Heat Recovery System and Electrical Control System
- Challenges for Future Installations

Michael Waitek, Engineering Senior Manager – Sustainability, PepsiCo

ON-DEMAND SESSIONS (Available August 19- October 1)

G. The OTHER Side of Solar

- What is Solar Thermal and how does it work.
- Proven business applications that I can use today.
- Can we achieve a good return on investment while cutting our energy cost & gas emissions in half?

Don Frank, President, Solar UV Solutions

H. Alternative Fuel Transportation

- Information about clean cities and Greater Indiana Clean Cities
- Tools and resources available to assess alternative fuel use, cost, and emissions reductions
- Stakeholder projects demonstrating positive impacts, cost savings, emission reductions, and other useful information

Kerri Garvin, Executive Director, Greater Indiana Clean Cities

I. Decarbonization of Energy Intensive Manufacturing in Indiana and the US Midwest: Challenges and Opportunities

- Elements of intensive energy manufacturing facility CO₂ abatement and high temperature manufacturing processes strategies
- Corporate and public policy actions required in meeting the CO₂ emissions and high temperature fuels challenge

Anees Azzouni, Azzouni & Associates, Inc. and Pete Grills, Of Counsel, Bingham Greenebaum Doll and Principal, Synergy Infrastructure Strategies

J. Energy Consumption Reduction Using IoT and ISO 50001 Ready

- Digital transformation
- Energy management
- ISO 50001 ready

Ali Razban, Director of Bachelor of Science in Energy Engineering Program and Clinical Associate Professor at Mechanical and Energy Engineering Department, Purdue School of Engineering and Technology and Da-Chun Wu, PhD. Student and Industrial Assessment Lead Student and Research Assistant, IUPUI