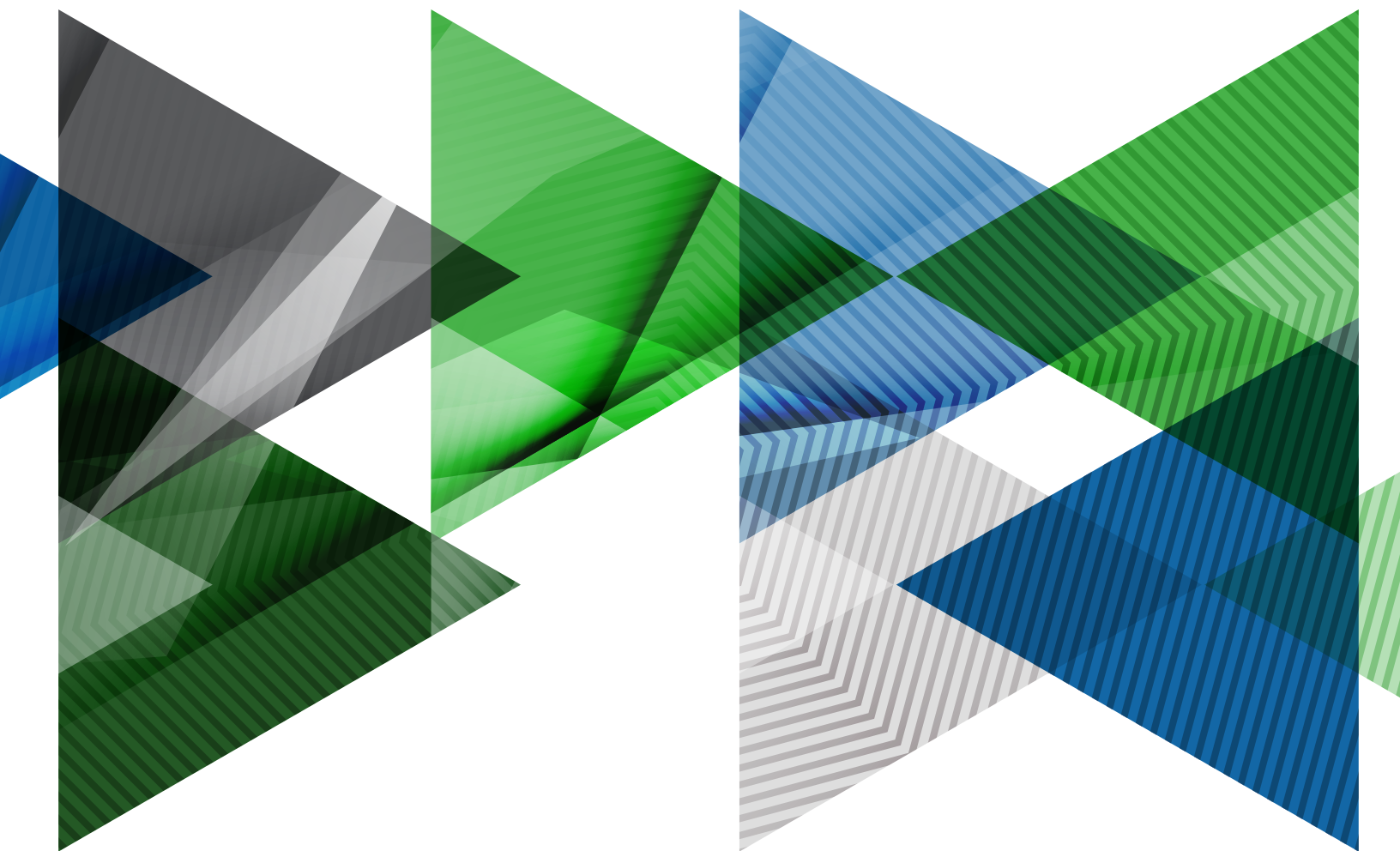




# IHEA Energy Management **SUMMIT**

FORGING A  
SUSTAINABLE PATH  
FOR MANUFACTURING

**December 2 & 3** ♦ **Delivered Virtually**



**PROGRAM &  
REGISTRATION INFORMATION**



Energy management remains a top priority for manufacturers, and the IHEA Energy Management SUMMIT continues to provide practical solutions to today's challenges. Celebrating its third year, the 2026 SUMMIT will be presented virtually, offering attendees the flexibility to participate from anywhere while eliminating travel costs and reducing time away from daily operations. It's the same high-quality education and timely discussions delivered in a format designed to fit today's business needs.

## GENERAL INFORMATION

### DATES

Wednesday, December 2 - 1:00 - 5:15 PM ET  
Thursday, December 3 - 9:00 AM - 1:15 PM ET

### LOCATION

Virtual - Accessed through Microsoft TEAMS

### REGISTRATION FEES

#### Individual

|             |           |
|-------------|-----------|
| IHEA Member | \$ 295.00 |
| Non-member  | \$ 345.00 |

#### Company\*

##### IHEA Member Company

|                    |            |
|--------------------|------------|
| Up to 5 employees  | \$ 895.00  |
| Up to 10 employees | \$1,495.00 |

##### Non-member Company

|                    |            |
|--------------------|------------|
| Up to 5 employees  | \$1,095.00 |
| Up to 10 employees | \$1,695.00 |

*\*When you register your company, you will receive a promotional code for the additional attendees. Share the code with your select team members so they can complete their individual registrations at no additional cost. They MUST complete the registration separately in order to receive a custom link to access the event.*

#### Fees Include:

- Live virtual access to all SUMMIT presentations
- Opportunities to participate in live Q&A sessions with presenters
- Access to password-protected PDF copies of the presentations that have been approved by speakers, distributed following the event



### WHO SHOULD ATTEND?

- Industrial CEOs and executive leadership
- Plant managers
- Environmental managers
- Government officials and policymakers
- Industrial central office energy and sustainability managers
- Industrial site energy and sustainability managers
- Researchers and academics in clean technology
- Utility leadership and key account managers

**REGISTER NOW AT [SUMMIT.IHEA.ORG](https://summit.ihea.org)**

# SCHEDULE OF EVENTS

## WEDNESDAY, December 2

- 1:00 PM**      **Introduction/Welcome Remarks**  
**Jason Safarz**  
*DUNGS Combustion Controls, IHEA President*
- 1:10 PM**      **Opening Keynote**  
**DOE Industrial Technology Office:  
What's Coming Next?**  
**Anne Hampson**  
*U.S. DOE, Industrial Technology Office*
- 2:00 PM**      **Energy Management Basics,  
Programs, and Tools**  
**Focus on Basics, 50001 & Cohort**  
**Michael Stowe**  
*Stowe and Sons PLLC*  
  
**Focus on Programs & Tools**  
**Paulomi Nandy**  
*Oak Ridge National Laboratory*
- 3:00 PM**      **Improving Combustion Processes**  
**Optimizing Combustion Efficiency and  
an Update on Hydrogen**  
**Brian Kelly**  
*Honeywell Thermal Solutions*
- 3:50 PM**      **Industrial Panel – Stories from the Field**  
**Moderator:**  
**Jeff Rafter**  
*Selas Heat Technology Co. LLC*  
  
**Panelists:**  
**Bill Allemon**, *Constellium*  
**Chad Spore**, *John Deere*  
**Luke Johnson**, *NUCOR*  
**Julian Capriles**, *Siemens*
- 5:15 PM**      **SUMMIT Day 1 Concludes**

## THURSDAY, December 3

- 9:00 AM**      **Welcome to Day 2**  
**Jason Safarz**  
*DUNGS Combustion Controls, IHEA President*
- 9:05 AM**      **The Energy – GHG Emissions  
Connection**  
**The New ISO 50100 Standard**  
**Michael Stowe**  
*Stowe and Sons PLLC*  
  
**GHG Emission Reductions**  
**Sandeep Alavandi**  
*GTI Energy*
- 10:00 AM**      **Industrial Improvement Insights**  
**Industrial Heat Pumps: Impacts on  
Energy Efficiency**  
**Craig Phillips**  
*CascadeEnergy*  
  
**Sensors: Impact on Operational  
Efficiency**  
**Jamie Wiczer**  
*Sensor Synergy, Inc.*
- 11:00 AM**      **Electrification Panel**  
**Moderator:**  
**Scott Bishop**  
*EPRI*  
  
**Panelists:**  
**David Cernava**, *Inductotherm*  
**Christina Clowes**, *I Squared R*  
**Girish Dahake**, *Ambrell*  
**John Podach**, *Fostoria Infrared*
- 12:20 PM**      **Closing Keynote**  
**Powering the Future: What Data Center  
Growth Means for Industrial Heating**  
**Brad Stroia**  
*Dry Coolers, Inc.*
- 1:15 PM**      **SUMMIT Concludes**

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# SUMMIT PROGRAM

## OPENING KEYNOTE

### DOE Industrial Technology Office: What's Coming Next?

**Anne Hampson**, U.S. DOE, Industrial Technology Office

The keynote session will provide a look ahead from the key industrial group within DOE, the Industrial Technology Office, and will include an overview of key programs, key research, and innovative technology developments related to industrial energy efficiency and energy consumption.



### Energy Management Basics, Programs, and Tools

**Focus on Basics, 50001 & Cohort**

**Michael Stowe**, Stowe and Sons PLLC

**Focus on Programs & Tools**

**Paulomi Nandy**, Oak Ridge National Laboratory

This session will focus on the basic principles of Strategic Energy Management (SEM) based on the ISO 50001: 2018 standard, the DOE 50001 Ready implementation program, and the tools available for tracking and evaluating the implementation of energy savings projects. Speakers will review the processes and technical resources which are available for implementing SEM with a focus on industrial sites.



### Improving Combustion Processes

**Brian Kelly**, Honeywell Thermal Solutions

Explore practical strategies for improving the efficiency and performance of existing fossil fuel combustion systems, along with potential alternative fuels and combustion processes. Topics will include opportunities to optimize current systems, reduce fuel consumption and emissions, and evaluate emerging options for industrial heating applications. Attendees will gain insight into the benefits, challenges and considerations involved in adopting alternative fuels and technologies.



### Industrial Panel - Stories from the Field

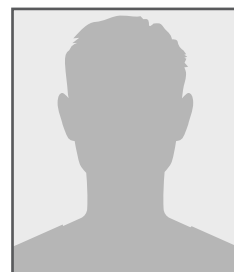
**Bill Allemon**, Constellium

**Chad Spore**, John Deere

**Luke Johnson**, NUCOR

**Julian Capriles**, Siemens

Hear directly from the energy and sustainability leaders driving real-world results at major industrial companies. Each panelist will share how their organization is applying Strategic Energy Management (SEM) principles, including real-world applications, lessons learned, energy-saving results, and proven best practices. Gain practical insights you can take back to your own operations, followed by an interactive Q&A that gives you the opportunity to ask the experts about their experiences and successes.



## The Energy - GHG Emissions Connection

### The New ISO 50100 Standard

**Michael Stowe**, *Stowe and Sons PLLC*

### GHG Emission Reductions

**Sandeep Alavandi**, *GTI Energy*

Explore the strong connection between energy consumption and related greenhouse gas (GHG) emissions, with a focus on practical strategies for tracking, reducing and validating energy-related GHG reductions. Speakers will cover the new ISO 50100:2026 standard, methodologies for establishing targets, validating energy and emissions reduction processes, and verifying GHG reduction claims, along with additional approaches, use cases and considerations for managing energy use and emissions.



## Industrial Improvement Insights

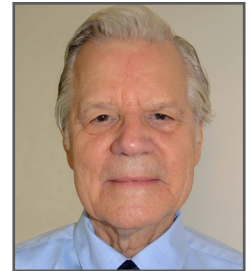
### Industrial Heat Pumps: Impacts on Energy Efficiency

**Craig Phillips**, *CascadeEnergy*

### Sensors: Impact on Operational Efficiency

**Jamie Wiczer**, *Sensor Synergy, Inc.*

This session will feature two presentations focused on improving industrial process heating operations. The first will examine industrial heat pumps and their applications for industrial electrification, including technologies, implementation considerations, economics, and real-world lessons learned. The second will explore industrial automation and its impact on efficiency and maintenance, covering Industry 4.0, IIoT, AI, robotics, embedded sensors, and other emerging technologies. Real-world examples will highlight operational and energy-saving benefits of advanced sensing and networking technologies.



## Electrification Panel

**David Cernava**, *Inductotherm*

**Christina Clowes**, *I Squared R*

**Girish Dahake**, *Ambrell*

**John Podach**, *Fostoria Infrared*

Hear directly from the energy and sustainability leaders driving real-world results at major industrial companies. Each panelist will share how their organization is applying Strategic Energy Management (SEM) principles, including real-world applications, lessons learned, energy-saving results, and proven best practices. Gain practical insights you can take back to your own operations, followed by an interactive Q&A that gives you the opportunity to ask the experts about their experiences and successes.

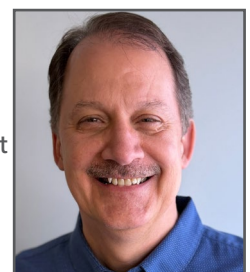


## CLOSING KEYNOTE

### Powering the Future: What Data Center Growth Means for Industrial Heating

**Brad Stroia**, *Dry Coolers, Inc.*

The rapid growth of data centers, AI, and cloud computing is reshaping manufacturing and driving new demand for energy, equipment and infrastructure. This closing keynote will explore emerging data center trends and what they mean for companies across the industrial process heating industry, including opportunities for suppliers, evolving energy demands, and the role of energy management, efficiency and sustainability in meeting this growth.



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