

# Midwest Building Energy Codes Conference

## Conference Agenda

November 13-14, 2019  
The Magnolia Hotel  
Omaha, Nebraska

### Day 1: Wednesday, November 13

8:00 - 9:00am	Breakfast (provided)
8:00 - 9:00am	Registration
9:00 - 9:30am	Opening Remarks and Midwest Roundup
9:30 - 10:30am	Bouncing Back: Resilience and Health
10:30 - 11:00am	Break
11:00am - 12:15pm	Controlled Growth: Indoor Agriculture and Building Energy Efficiency
12:15 - 1:15pm	Lunch (provided)
1:15 - 2:30pm	Code Compliance is not an Accident
2:30 - 2:45pm	Break
2:45 - 4:00pm	Cities LEED the Charge on Efficiency
4:00 - 4:15pm	Break
4:15 - 5:15pm	Pushing the Envelope: Stretch Codes in the Midwest
6:30 - 9:00pm	Networking Dinner (provided)

### Day 2: Thursday, November 14

8:00 - 9:00am	Breakfast (provided)
8:00 - 9:00am	Registration
9:00 - 10:20am	Building Trends and the Future of Energy Codes
10:20 - 10:40am	Break
10:40 am - 12:00pm	Achieving Grid Modernity through Buildings
12:00 - 1:00pm	Lunch (provided)

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## Session Descriptions

### **Bouncing Back: Resilience and Health**

Communities across America are facing unprecedented social, economic and environmental challenges due to climate change. Improving the energy efficiency of buildings and the built environment can play a role with both mitigation and adaptation to these vulnerabilities and can have positive impacts on indoor environmental quality. This discussion session will highlight and discuss how building energy efficiency impacts resiliency and the health benefits of more efficient homes and buildings.

### **Controlled Growth: Indoor Agriculture and Building Energy Efficiency**

Agriculture is one of the most energy-intensive industries in the US. As the use of indoor agricultural facilities grow, opportunities to reduce energy use and energy costs through the implementation of energy efficiency, policies, programs and measures expands. This session explores trends in energy efficiency for indoor agricultural facilities and discusses the relationship between these buildings and the energy code.

### **Code Compliance is not an Accident**

In most things, efficient execution requires data. Energy code compliance is no different. This panel will explore the complex nature energy code compliance from a variety of perspectives. Recent and ongoing residential and commercial data collection efforts will be used as a jumping off point to discuss an innovative program to improve compliance and a municipal case study.

### **Cities LEED the Charge on Efficiency**

Cities from across the Midwest are exploring new and innovative policies to improve energy efficiency in the built environment and meet energy and climate goals. In this session, experts will outline numerous policy strategies that can be added to a city's toolbox and assess the effectiveness of current policies.

### **Pushing the Envelope: Stretch Codes in the Midwest**

Over the last three energy code development cycles, improvement in the residential IECC has been minimal, and far below what is needed to achieve zero energy by 2030 or even 2050. As a result, Midwestern cities are becoming increasingly interested in stretch energy codes as an opportunity to achieve greater building efficiency. However, unlike states on the west and east coast of the country, stretch codes have not taken off in the Midwest. In this discussion session, we will explore the political, legislative and technical hurdles associated with stretch codes and brainstorm mitigation strategies.

### **Building Trends and the Future of Energy Codes**

Energy codes serve a critical role in reducing energy waste and maintaining alignment with new building technologies, practices, and policies. In this session, expert presenters will highlight key changes in the 2021 IECC, identify opportunities to accommodate the growing electric vehicle demand, and discuss the potential role of future energy codes and beneficial electrification.

### **Achieving Grid Modernity through Buildings**

Our aging electric infrastructure is pushed to do more than it was originally designed to do. States and utilities are taking on grid modernization initiatives and policies to make the grid more resilient, reliable and smarter. In this session we will explore and discuss some Midwestern initiatives and policies to modernize the grid through better building construction and smart technologies.