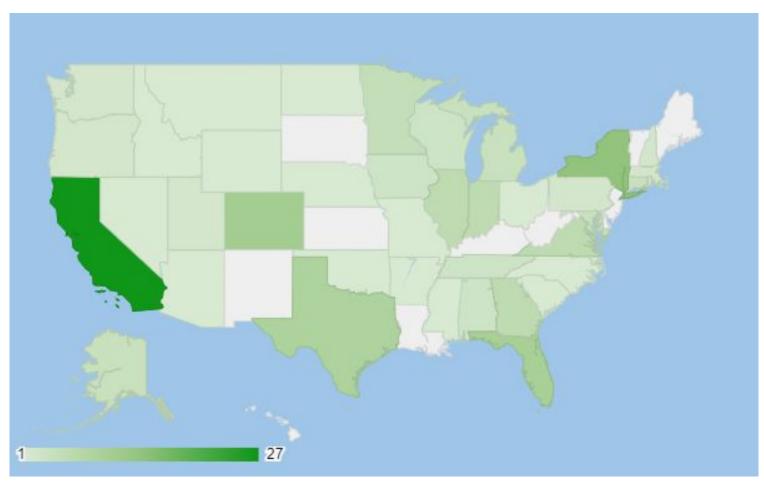
Efficiency, Energy, and Safety Codes: What Is Working Around the Country to Foster Resilient Communities NOVEMBER 6 2-3:30 PM ET 11 AM-12:30 PM PT

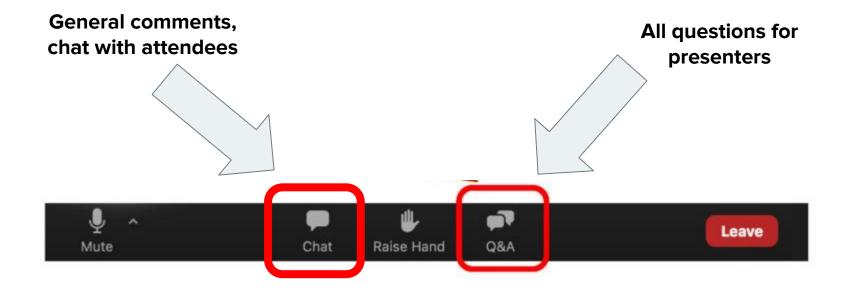
# EMPOWERED SOLUTIONS WEBINAR SERIES

CleanEnergyClearinghouse.org





Webinar Registrants





Efficiency, Energy, and Safety Codes: What Is Working Around the Country to Foster Resilient Communities NOVEMBER 6 2-3:30 PM ET 11 AM-12:30 PM PT

# EMPOWERED SOLUTIONS WEBINAR SERIES

CleanEnergyClearinghouse.org

IREC builds the foundation for rapid adoption of clean energy and energy efficiency to benefit people, the economy, and our planet.





## **EMPOWERED**

Education Materials for Professional Organizations Working on Efficiency and Renewable Energy **Developments** 

Office of ENERGY EFFICIENCY & RENEWABLE ENERGY

U.S. DEPARTMENT OF

### **Project Partners**













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INTERSTATE RENEWABLE ENERGY COUNCIL

Independent leadership. Trusted clean energy expertise.

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### **A Wide Variety of Educational Resources**



As demand increases for efficient, resilient, and durable buildings, construction materials and technologies are rapidly evolving. Even external technologies that





#### Videos

Quick explainer videos on topics such as "Inspecting the Building of the Future."

#### Infographics

Reference guides to model codes for EV charging, energy storage, solar PV and more!

#### **Courses & Articles**

Short courses and articles about existing and emerging technologies to keep you up to date.

### CleanEnergyClearinghouse.org

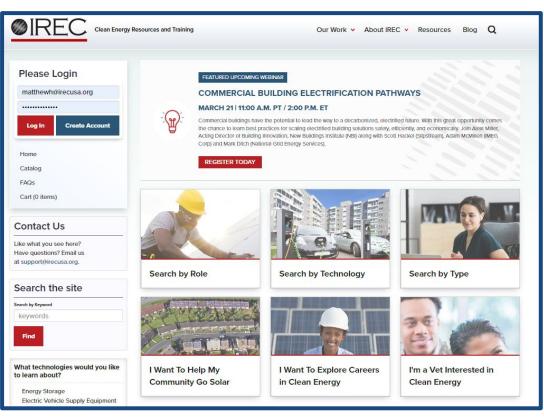


- Question of the week
- Webinar recordings
- Resources for first responders
- Solar
- Energy storage
- High performing buildings
- Electric vehicle supply equipment
- Permitting & inspection
- Links to CEU-bearing training (mostly for code officials)



### CleanEnergyTraining.org

# Find CEU-bearing courses here





### **Today's Program**

- Code adoption strategies for hurricane and flood prone areas- Randy Plumlee, SPEER
- Sneak peak at the 2024 International Energy Conservation Code (IECC) Jim Meyers, SWEEP
- Residential Energy Codes education and training project in Louisiana, Maggie Kelley Riggins, SEEA
- Missouri Roadmap to Resilience- John Gossman, MEEA
- The new whole-home contractor John Balfe, NEEP
- Question and Answers with panelists
- Summary & Next Steps



## EMPOWERED SOLUTIONS

# Panelists



John Gossman Building Associate, Midwest Energy Efficiency Alliance (MEEA)



John Balfe Senior Manager, State and Community Solutions, Northeast Energy Efficiency Partnerships (NEEP)



Maggie Kelley Riggins Senior Program Manager, Southeast Energy Efficiency Alliance (SEEA)



Jim Meyers Buildings Program Director, Southwest Energy Efficiency Project (SWEEP)



**Randy Plumlee** 

Energy and Code Program Manager, South-Central Partnership for Energy Efficiency as a Resource (SPEER)



## On to the Program





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# OWERED SOLUTIONS WEBINAR SERIES

WHAT DID YOU THINK? TAKE A MOMENT TO COMPLETE THE EVALUATION

https://irec.typeform.com/to/pTHwQ5g0

### Summary

- Every state in the nation has an interest in enabling more resilient buildings.
- Modern building energy codes contribute to the reduction of casualties, costs, and damages from disasters like floods and extreme temperatures.
- By improving the energy efficiency of buildings, energy codes help enhance occupant safety and comfort and reduce energy costs, use, and emissions.
- Building electrification can provide health benefits to occupants and decrease dependence on fossil fuels.
- Efficient electric buildings can be powered by clean energy.
- Centering human outcomes can lead to successful energy code compliance, and workforce expansion
- Transition to efficient and clean energy is spurring economic development and job growth.
- Small and medium sized communities are investing in resilience planning.
- Today's contractor has an opportunity to diversify their offerings and provide whole-home retrofit services



### **Next Steps**

- Learn more about clean energy technologies like high performing buildings, solar, energy storage, and electric vehicle charging -CleanEnergyClearinghouse.org.
- Encourage contractors to pursue whole-home solutions that benefit the building owner through weatherization and appropriately sized electric. HVAC. Visit The Total Building Performance (TBP) Certificate
- 3. Identify technical assistance for resilience planning in your state or region.
- 4. Learn more about and support the work of our Regional Energy Efficiency Organizations.



### Resources

- <u>Roadmap to Resilience: Missouri Department of Natural Resources</u> (Roadmap Plan)
- The Total Building Performance (TBP) Certificate (Training)
- <u>DOE funding to help states, cities, tribes, and partnering</u> organizations implement updated energy codes for buildings (Funding Resources)
- <u>NREL Resilience Roadmap: A Collaborative Approach to</u> <u>Multi-Jurisdictional Planning</u> (Roadmap Plan)
- National Building Code Adoption Tracking Portal (Tool)
- ...and more at CleanEnergyClearinghouse.org



### **Upcoming Webinars**



January 23, Clean Energy Technical Assistance Tools



### Stay in touch!

Randy Plumlee, SPEER

Jim Meyers, SWEEP

Maggie Kelley Riggins, SEEA

John Gossman, MEEA

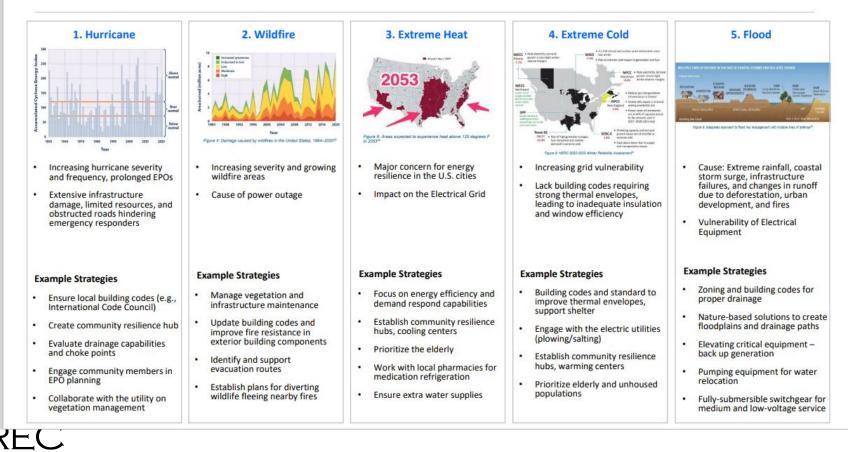
John Balfe, NEEP

Matthew Harris, IREC

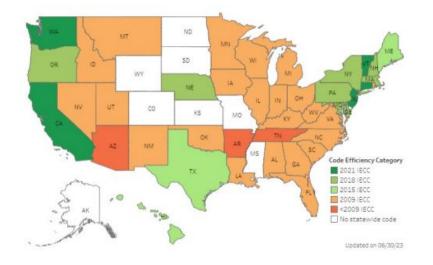
rplumlee@eepartnership.org jmeyers@swenergy.org mkelleyriggins@seealliance.org jgossman@mwalliance.org jbalfe@neep.org matthewh@irecusa.org



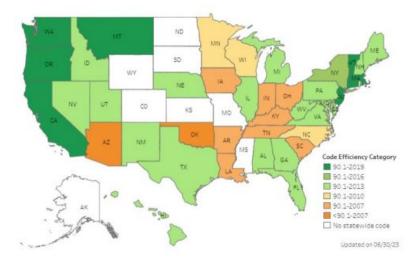
#### **Communities at Greater Risk**



Current status of state energy code adoption:



Residential Buildings (IECC)



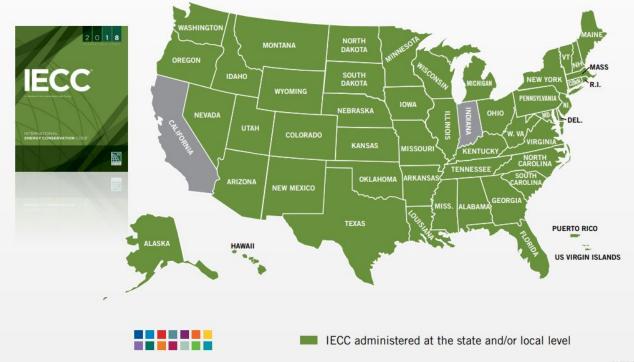
Commercial Buildings (Standard 90.1)





#### INTERNATIONAL ENERGY CONSERVATION CODE ADOPTION MAP

The IECC is in use or adopted in 48 states, the District of Columbia, Puerto Rico and the U.S. Virgin Islands.





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