

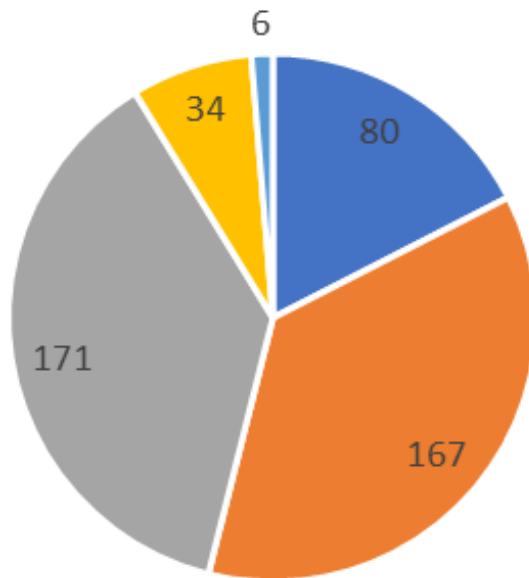


Texas

- Still waiting.....
- Made it through both the House and Senate
- Vetoed by the Governor in favor of the property tax reduction bill
- Cities continue to adopt newer codes ahead of the state

Tracking 463 Cities in Texas

Current Energy Code

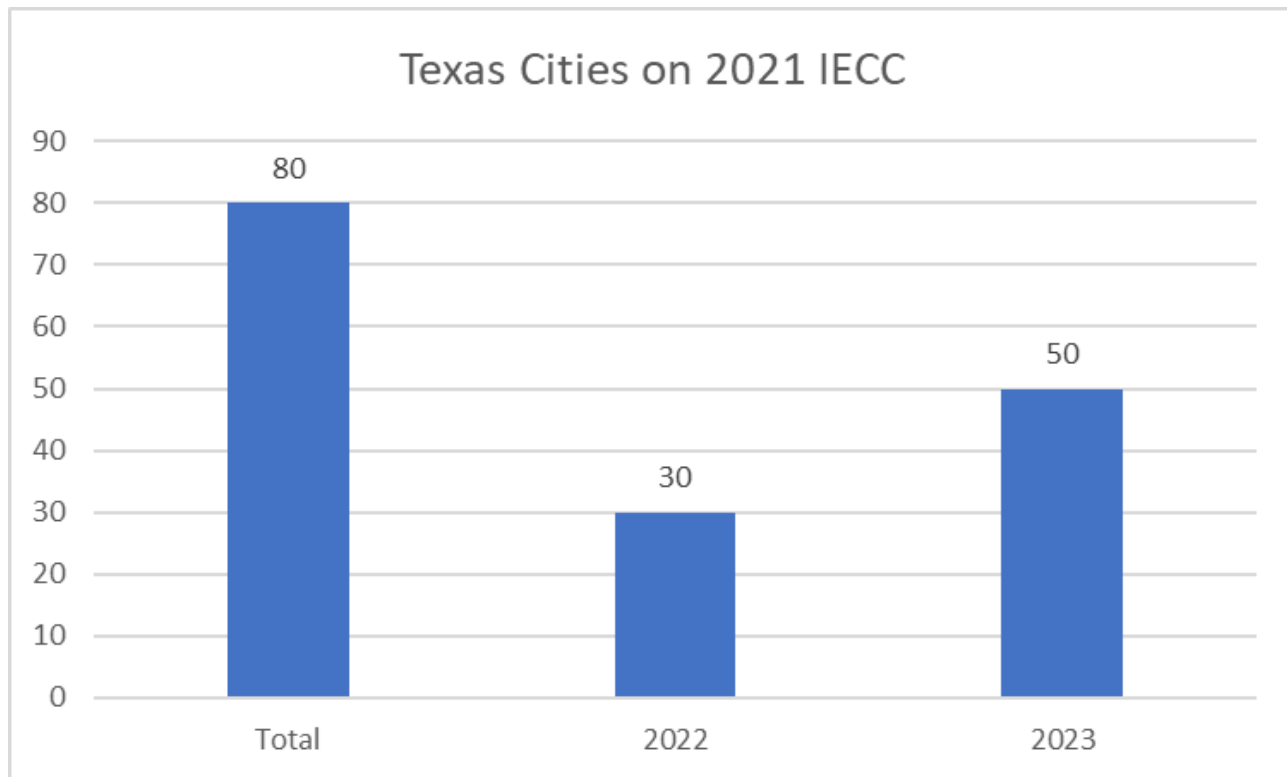


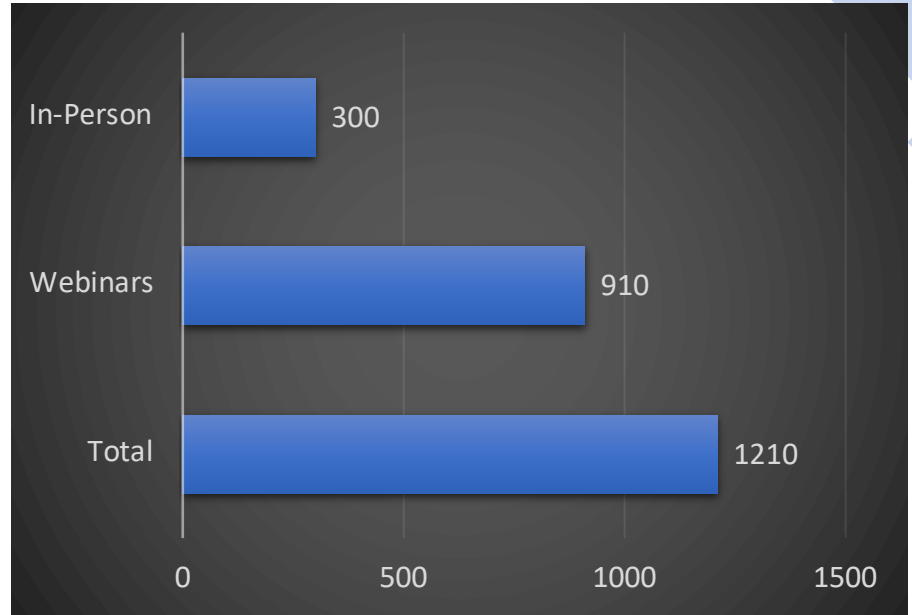
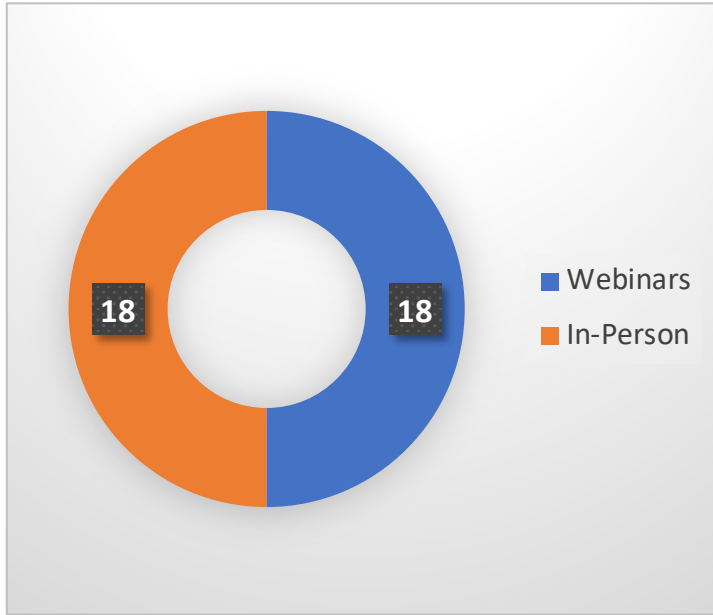
■ 2021 ■ 2018 ■ 2015 ■ 2012 ■ 2009 or 2006



Oklahoma

- On September 14th, 2022, OUBCC adopted the 2018 IRC for the State of Oklahoma
- With Modifications – Such as
 - Changes to the R and U Tables Including a reduction in ceiling insulation
 - Allowance for visual inspection to serve as compliance over testing for both infiltration and duct systems





Trainings in Texas and Oklahoma



Cities visited: Texas and Oklahoma

- Texas
 - Amarillo
 - Lubbock
 - Addison
 - Denison
 - Dallas
 - Houston
 - San Antonio
- Oklahoma
 - Edmond
 - Stigler



Importance of Updating Energy Codes

Energy
Efficiency

Climate
Goals

Economic
Benefits

Barriers for Adoption

Financial

Political

Technical

Social

Legal

Environmental

Bureaucratic



Positive Impacts

Improved Safety

Energy Efficiency

Health Benefits

Economic Growth

Long-term
Savings

Legal Compliance

Accessibility

Resilience

Quality of Life

Market
Competitiveness

Negative Impacts

Increase Costs

**Economic
Disruption**

Gentrification

**Implementation
Challenges**

**Regulatory
Complexity**

**Resistance from
Stakeholders**

**Short-term
Financial Strain**

Legal Risks

Inequality

**Environmental
Impact**

Why is Texas lagging?

- **Local Control**
- **Political Climate**
- **Economic Factors**
- **Industry Influence**
- **Less occurrences of Natural Disasters**
- **Awareness and Education**
- **Complexity and Scope**

But wait... there's more



Structure Integrity

Earthquake Resistance
Wind Resistance
Flood Resistance



Fire Safety

Fire-Resistance Materials
Smoke Alarms and Sprinklers



Hazardous Material Protection

Ventilation Systems
Air-Tight Sealing



Utility Reliability

Backup Power
Water Storage



Accessibility and Comfort

Universal Design
Thermal Comfort



Security Features

Reinforced Entry Points
Safe Rooms



Information and Communication

Emergency Systems



Sustainability

Energy Efficiency



Interstate Renewable Energy Council, Inc.

U.S. DEPARTMENT OF

ENERGY

Office of

**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

EMPOWERED

Education Materials
for Professional

Organizations

Working on
Efficiency and
Renewable

Energy
Developments



Clean Energy Clearinghouse

Sustainable Energy Action Committee > Clean Energy Clearinghouse



TRAINING SAFETY OFFICIALS
ON DISTRIBUTED ENERGY TECHNOLOGIES

MacBook Pro



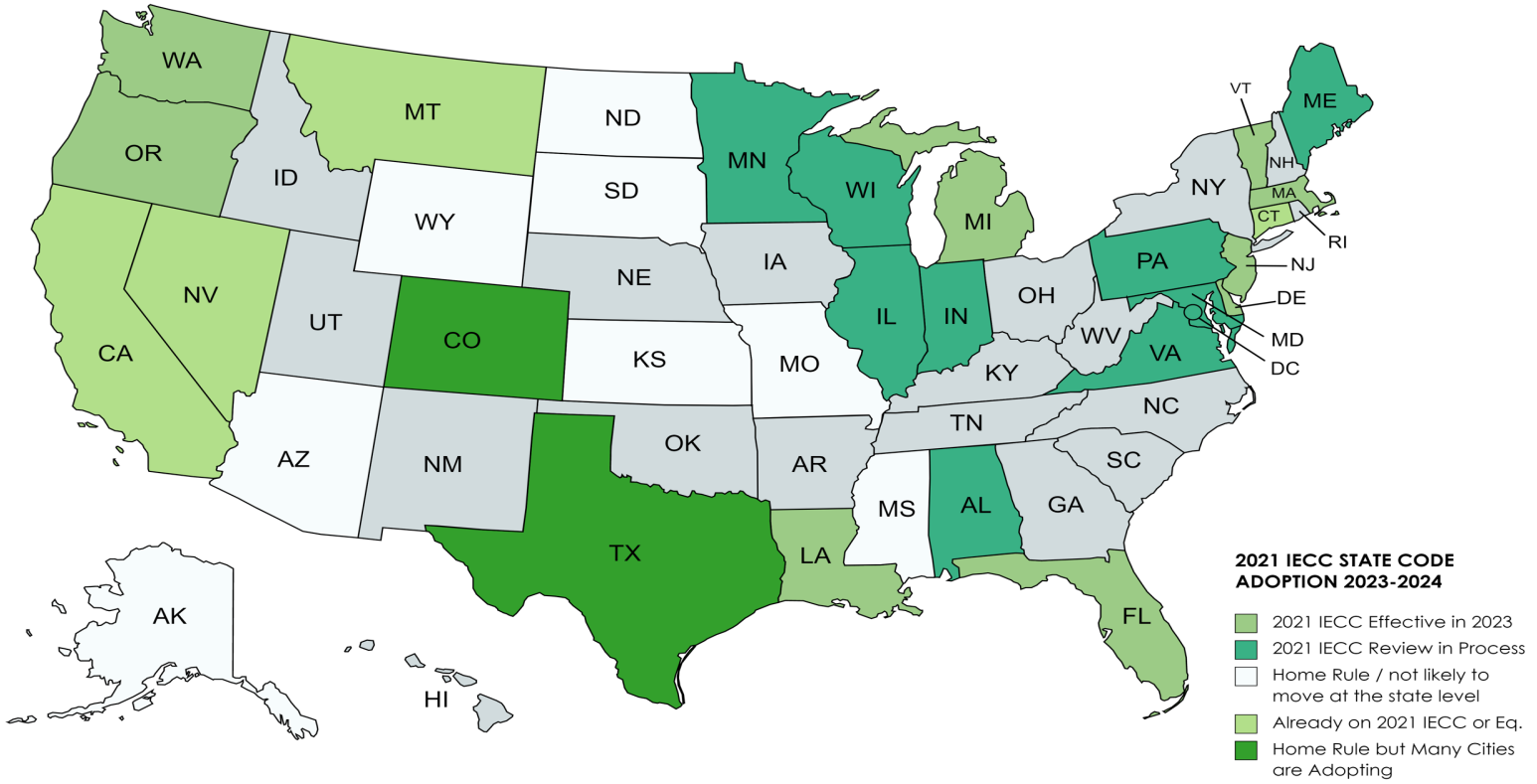
Impact

- When equipped with fact-based information about the safety and efficacy of GEB, ESS, EV, and PV technologies, **CODE OFFICIALS** can
 - More efficiently inspect buildings equipped with the technologies
 - Decrease permitting and inspection time, therefore decrease P&I costs born by the consumer
 - Ensure the safe installation of emerging clean energy technologies
 - Improve working relationships with system integrators/ installers

RESOURCES

- Get answers to your questions about heat pumps, an efficient option for electric heating and cooling! Download for FREE, [Frequently Asked Questions About Heat Pumps](#).
- [Preparing to Inspect Your First PV System](#), learn about the components of a typical system, relevant codes and standards, and permitting and inspection guides.
- Take a free, [12-part online training series](#) to accelerate your expertise on residential Solar PV systems plan review and permitting processes!
- Get the basics of Solar PV Field Inspection in this [5-part online training series](#)

2021 IECC Model Code Adoption



Energy Code Related Legislation

