

# Supporting Community Goals through Building Energy Codes

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# About the Colorado Energy Office (CEO)



## **Mission**

**Reduce greenhouse gas emissions and consumer energy costs by advancing clean energy, energy efficiency and zero emission vehicles to benefit all Coloradans.**



## **Vision**

**A prosperous, clean energy future for Colorado.**

# Achieving Colorado's Climate Goals

## Colorado's GHG Pollution Reduction Roadmap

Set of strategies the State is pursuing to meet our climate goals to reduce GHG emissions 50% by 2030 and 90% by 2050

Near-term actions (related to building sector):

- *Adopt advanced building codes*
- Implement building benchmarking and performance standards
- Expand clean energy finance
- Increase incentives for technologies through requiring beneficial electrification filings at PUC

# Achieving Your Community's Goals

- Codes are a key strategy for communities to meet their goals for climate, health and safety
- “Resilience starts with strong, regularly updated, and properly implemented building codes.” - *ICC*
- The State provides no-cost code training and technical assistance



# Energy Code Adoption Toolkit

## Tour of the [Energy Code Adoption Toolkit](#)

The Colorado Energy Office (CEO) created an Energy Code Adoption Toolkit to assist Colorado jurisdictions through the process of energy code adoption. The toolkit provides information on the benefits of adopting a more current energy code and gives tips on how to navigate the typical adoption process. It also includes several resources that:

- Detail the costs of updating an energy code
- Describe changes made in the latest version of the International Energy Conservation Code (IECC)
- Provide example language for the adoption of stretch codes that go beyond the IECC
- Help jurisdictions verify code compliance

The resources in this Energy Code Adoption Toolkit are designed to put all of the necessary code adoption information in one place, while walking your jurisdiction through the process. If you can't find your answer in these resources, you can submit a question to our [Code Helpline](#) and our subject matter experts will respond to you via email within two business days.



✓ Benefits of Current Energy Codes

✓ Navigating the Code Adoption Process

✓ Summary of IECC Code Changes

✓ Cost Impacts of Updating Energy Codes

✓ Advanced Building Codes / Stretch Codes

✓ Compliance Resources

# Other free resources

- **NEW!** [Codes Helpline](#) - submit a question and our subject matter experts will respond to you within two business days
- Monthly webinars on energy code topics - all recorded and available on our dedicated [YouTube channel](#)
- **NEW!** Short 10-15 minute educational videos - topics to include continuous insulation, ventilation, mini-splits
- Plus, customized [training](#) and [technical assistance](#) available upon request to review codes, write amendments, attend Council meetings, etc.



# 2021 IECC Significant Changes

See our Significant Changes Guides for [Residential](#) and [Commercial](#)

## Residential

- Increased insulation
- Duct testing
- Lighting controls

## Commercial

- More stringent envelope requirements
- Better insulation / windows

# Trends in Colorado for Energy Code Adoption

Electrification

Electric Vehicle Charging

Solar Ready

Additional Efficiency Package Options

No Amendments to Make Code Less Efficient

Thank you!

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