

Building Energy Code

International Energy Conservation Code (IECC)

General Information and References



What is the International Energy Conservation Code and why should I care?

- **Addresses** New Mexico Climate zone for energy conservation
- **Reduces** energy use over the life of complying buildings
- **Benefits** homeowners and society by improving cost-effectiveness, comfort, and durability
- **Applies** to new and renovated buildings
- **Sets minimum requirements** for energy features and performance
- The IECC covers both residential and commercial buildings

References and Resources

- **U.S. Department of Energy**
- “What I need to know about the 2018 IECC”
 - 2018 IECC Webinar Presentation Slides.pdf
- **The NM Licensing and Regulation Commission**
- **NM Construction Industries Division**
 - www.energycodes.gov/new-mexico
- **Community Development**
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Scope/Construction Documents

- Documentation shall be prepared by a IECC certified professional
- Insulation materials and R-values
- Fenestration U-factors, SHGC
- Mechanical, SWH, equipment types, sizes, and efficiencies
- Equipment and system controls
- Duct sealing, duct and pipe insulation and location
- Air sealing details

Certificate

- □ Permanently posted on a wall in the space where the furnace is located, a utility room or an approved location inside the building
- R-values of insulation installed for the thermal building envelope,
- U-factors and SHGC for fenestration
- Area-weighted U-factor and SHGC calculations
- Results from duct system and building envelope air leakage testing
- HVAC efficiencies and types
- SWH equipment
- Duct sealing, duct and pipe insulation and location
- Air sealing details