



# CITY OF LAS CRUCES

## Building Energy Code International Energy Conservation Code (IECC)

### 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:

<https://www.energy.gov/>

“What I need to know about the 2021 IECC”

<https://www.rld.nm.gov/construction-industries/about-us/>

NM Construction Industries Division

<https://www.energycodes.gov/status/states/new-mexico>

State Energy Code Adoption

### 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