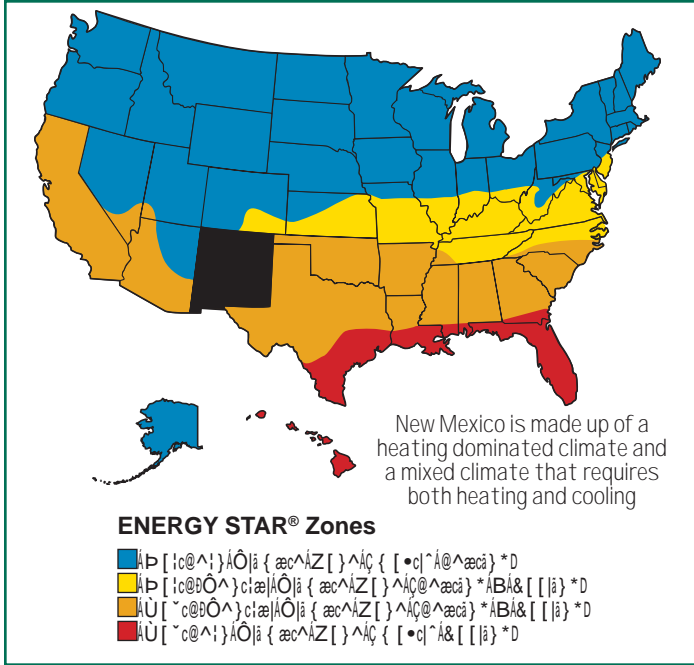




Fact Sheet: Selecting Energy Efficient Windows in New Mexico

www.collaborativeefficientwindows.org

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Benefits of High Performance Windows

Cooling and Heating Season Savings

High performance windows reduce energy costs by minimizing heat loss in winter and heat gain in summer, leading to significant savings on heating and cooling bills.

Improved Daylight and View

Energy efficient windows provide clear, unobstructed views and abundant natural light, reducing the need for artificial lighting and improving indoor air quality.

Improved Comfort

By reducing drafts and uneven temperatures, high performance windows create a more comfortable and consistent indoor environment.

Reduced Condensation

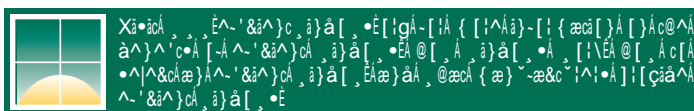
Energy efficient windows have multiple panes and gas fills that reduce condensation on the interior glass surface, protecting your view and preventing mold.

Reduced Fading

Low-emissivity (low-E) coatings on window panes help block harmful UV rays, protecting your furniture and flooring from fading.

Lower Mechanical Equipment Costs

Energy efficient windows reduce the load on your HVAC system, allowing for smaller, less expensive equipment and lower installation costs.



1. Look for the ENERGY STAR®

The ENERGY STAR logo is a key indicator of energy efficiency. It signifies that the window meets strict performance standards set by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE).



2. Look for Efficient Window Properties on the NFRC Label

The NFRC (National Fenestration Rating Council) label provides detailed performance metrics for windows. Key ratings include U-Factor, Solar Heat Gain Coefficient (SHGC), Visible Transmittance, Air Leakage, and Condensation Resistance.

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./IP)	Solar Heat Gain Coefficient
0.35	0.32
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./IP)
0.51	0.2
Condensation Resistance	
51	—

3. Compare Annual Energy Costs for a Typical House

Comparing annual energy costs for a typical house helps homeowners understand the long-term value of energy efficient windows. High performance windows can significantly reduce energy bills.



4. Customize Energy Use for a Specific House

Customizing energy use for a specific house involves considering factors like climate, house orientation, and occupant behavior. Energy modeling software can help predict energy costs based on these variables.

