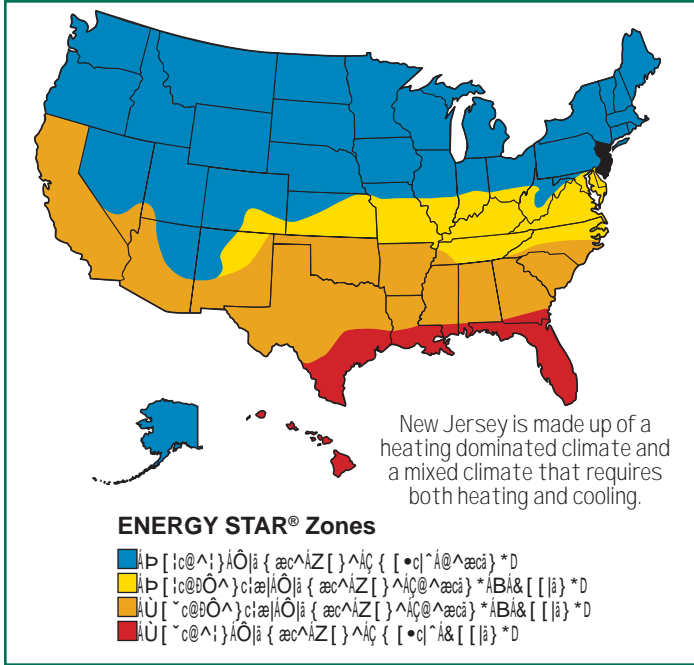




Fact Sheet: Selecting Energy Efficient Windows in New Jersey



Benefits of High Performance Windows

Cooling and Heating Season Savings

High performance windows can reduce heating and cooling costs by up to 10%.

Improved Daylight and View

High performance windows provide clear views and abundant natural light, reducing the need for artificial lighting.

Improved Comfort

High performance windows reduce drafts and hot/cold spots, improving indoor comfort.

Reduced Condensation

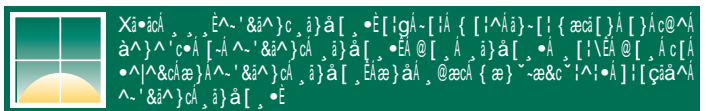
High performance windows have low U-factors, reducing condensation on the interior surface.

Reduced Fading

High performance windows have low solar heat gain coefficients (SHGC), reducing fading of interior furnishings.

Lower Mechanical Equipment Costs

High performance windows reduce the load on heating and cooling systems, lowering equipment costs.



1. Look for the ENERGY STAR®

The ENERGY STAR logo is a mark of excellence for energy efficiency. It is awarded to products that meet strict energy efficiency guidelines 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 National Fenestration Rating Council (NFRC) provides a standard for window performance. The NFRC label includes the following information:

- U-Factor (U.S./IP):** 0.35
- Solar Heat Gain Coefficient:** 0.32
- Visible Transmittance:** 0.51
- Air Leakage (U.S./IP):** 0.2
- Condensation Resistance:** 51

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

ENERGY STAR provides a tool to compare the annual energy costs for a typical house with different window options. The tool shows that high performance windows can significantly reduce energy costs.



4. Customize Energy Use for a Specific House

The ENERGY STAR tool allows users to customize energy use for a specific house by inputting details such as location, climate, and house characteristics. This provides a more accurate estimate of energy costs.

