



What is an Energy Rating Index (ERI)?

- ERI = HERS Index
- Building Performance Simulation
- Reference Home ERI/HERS 100 = 2006 IECC Home; ERI/HERS 0 = Zero Energy Home
- Each Point on the Scale Represents 1 Percent Change in Total Energy Use Relative to ERI/HERS 100

Limits

- All Mandatory Requirements Must be Met
- Insulation & Window Efficiency Must be Equal To or Greater Than 2009 IECC Prescriptive Requirements (Tables 402.1.2 & 402.1.4)
- Minimum R-6 Duct Insulation for Ducts Outside Building Thermal Envelope

Flexibility Examples

- Can Trade Off Lower than Minimum Prescriptive Insulation and Window Requirements (See Limits Above)
- Can Trade Off Lower than Minimum Prescriptive Duct Leakage Targets
- Can Trade Off Lower than Minimum Hot Water Pipe Insulation Requirements
- Credit for Better than Minimum Prescriptive Targets (Insulation, Windows, Duct Leakage/Insulation, Hot Water Pipe Insulation)
- Credit for Better than Mandatory Minimum Percentage of Efficient Lighting
- Credit for Better than Mandatory Minimum Air Tightness Target
- Credit for Better than Federal Minimum HVAC and Water Heating Equipment

Required ERI/HERS Index	
Climate Zone 4	Climate Zone 5 (Garrett County)
54	55