

Check for Utility, State, and Federal Rebates

COLORADO Energy Office

Recently passed legislature has made it more cost effective to build energy efficient homes. Click on the blue links for details.

- Inflation Act: Benefits to be released in the next year.
- <u>CO Codes Bill</u>: Up to \$11 million to support clean air investments for communities with a focus on incentives for lower income households.
- <u>Xcel Energy</u>: Home rebates for HVAC equipment, insulation, smart features, EV chargers and more!

 Build Resilient Tight air-sealing in exterior building envelope to reduce wildfire smoke infiltration Install balanced ventilation (ERV/HRV) Use high R-value insulation for opaque assemblies and low U-value window assemblies to retain the indoor temperature Plan for on-site solar with battery storage to reduce grid dependency 	 Design for Passive Solar Heating and Cooling Orient the windows to allow for solar gain Design walls or floors to retain heat as a thermal mass for natural thermal conditioning Distribution mechanism to move heat throughout house Thermal Control strategies including overhangs, blinds, or differential thermostat
 Heat Pumps for Space Conditioning and Water Heating Cold climate heat pump market availability is increasing Less maintenance and higher safety Heat pumps can provide cooling and replace the air conditioning unit Consider indoor and outdoor spacing requirements for a heat pump installation Ensure proper system sizing to maximize efficiency 	 Build Solar Ready Roofs Less cost to add infrastructure and wiring upfront than to add PV infrastructure later Optimize roof pitch direction for best solar exposure Ensure the additional roof load is documented on the plan set Consider surrounding buildings and trees that could impact shading Minimize and group together the rooftop equipment
 Ensure Electrical Panel has Room for Expansion As additional electric loads may be needed over the life of the home from: Electric vehicle charging Heat pumps Solar panels 	 Build Smart Install grid integrated HVAC systems and appliances to be controlled and monitored for consumption Reduce energy waste and operating costs by signing up for your local utility demand use program
Install Low-Flow Fixtures to Save Water <u>EPA WaterSense</u> recommended fixtures 	 Install Efficient Appliances Energy Star energy efficient products or even the Energy Star Most Efficient list
 Utilize Greywater from Bathroom and laundry-room sinks Bathtubs/showers Laundry machines 	Use the <u>Colorado Codes Helpline</u> Submit your questions on building codes, reach codes, how the building codes interact, or how to comply and an expert will reply in 2 days!

Visit the Code Adoption Toolkit for additional free resources!

Webinar recordings, significant code change summaries, cost impacts, troubleshooting guides, and more!