



The path to achieving net-zero is pretty clear. The strategy is to reduce a home's energy use as much as possible, and then use renewable energy for what it does need. An energy efficient tight exterior envelope comes first.

According to 2010 data collected by the U.S. Department of Energy, heating & cooling accounts for 43 percent of a typical homes energy use.

The first step at Decker Home is our architectural design practice of designing our homes to create a tightly sealed and insulated building envelope. "Built tight & insulate right" Our practice also includes installing highly efficient - R-5 or higher triple pane windows and a super high efficient geothermal ground source heat pump that heats and cools the home, and most of the hot water.