

Cellar Ridge's 50/10 Homes Boast 50% Greater Efficiency for 10% More Money than Similar Homes

by [Inhabitat](#), 02/20/14

filed under: [Architecture](#), [Reader Submitted Content](#)



[Cellar Ridge Construction](#) has developed the 50/10 House model, a new green home that is 50 percent more energy efficient than a code built home with only a 10 percent increase in the home's cost. "Some of the measures we employ building to the LEED standard are expensive and some are not, our focus with the 50/10 house is to focus on the low cost high impact measures," said company founder John Mead. This starts with thermally broken 8" R-31 walls, R-60 ceiling insulation, and R-38 floor, hyper efficient mini-split heating systems, thoughtful window placement to maximize [passive solar](#) benefits, and mindful decisions with appliances. "Many builders build to code as if that is a logical standard, we have analyzed the sweet spot with energy efficient design and we build to that standard." The 50/10 house also includes a focus on durable materials, healthy indoor air quality, and water efficient fixtures and appliances.