

6 STEPS TO BUILD A "ZERO ENERGY READY HOME"

How Habitat for Humanity of Summit and Wasatch Counties is building homes of the future today!



1

COMMIT TO ZERO!

A Zero Energy Ready Home is a high performance home which is so energy efficient, that a renewable energy system can offset all or most of its annual energy consumption. The first step is to commit!



2

DESIGN & ENERGY ANALYSIS

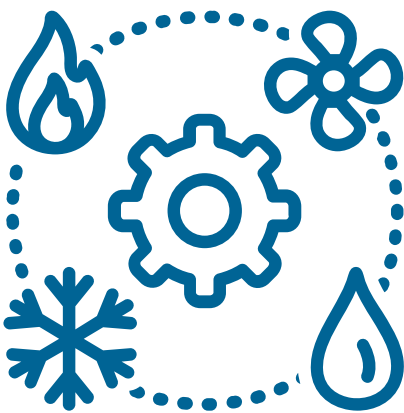
Smart design in tandem with energy analysis is vital. During design, a home's energy needs should be estimated using energy modeling software to ensure that the goal of Zero Energy Ready can be achieved.



3

INSULATION & AIRTIGHT CONSTRUCTION

Sealing and insulating a home are the two most important and impactful measure builders can take to improve the energy efficiency of a home to make it Zero Energy Ready.



4

HEAT & COOL EFFICIENTLY

Highly energy efficient heating and cooling systems are also essential to reduce energy needs and get to Zero Energy Ready. Heating and cooling systems need to be sized specifically for your new, energy efficient home.



5

ENERGY STAR APPLIANCES & LEDs

Appliances can account for up to 60% of a home's energy load, which is why ENERGY STAR appliances and LEDs go hand-in-hand with Zero Energy Ready homes.



6

SOLAR READY CHECKLIST

For the energy a home still needs, be ready to power it with the sun. Follow the PV-Ready Checklist to make sure the home is designed for rooftop solar to be installed during the construction process or at a later date.