STEPS TO A "ZERO ENERGY READY HOME"
How Habitat for Humanity of Summit and Wasatch Counties is building homes of the future today!

STEP #1: ENERGY MODELING

1. WHAT IS ENERGY MODELING?
   Energy modeling software helps builders identify strategies to build a Zero Energy Ready Home and also estimates the long-term operational savings for the occupants. The results impact the design and operation of the building to achieve maximum energy savings.

2. START DURING DESIGN
   It is crucial that energy modeling begin as soon as the architect creates preliminary designs with dimensions, elevations, floor plan, and windows and doors. When energy modeling is incorporated early into the design process, the results can help inform decisions, like insulation values and the selection of heating and cooling systems.

3. COMPARE AND CONTRAST OPTIONS
   The energy modeling process allows you to compare the energy impact of different design choices. Variations in roof direction, window placement and insulation options can be easily changed in the design phase to optimize energy savings.

4. MINOR CHANGES MAKE BIG ENERGY SAVINGS
   Energy modeling often identifies numerous small changes to specific building elements including air sealing, heating and cooling systems, insulation and window selection. Utilizing a modeling tool allows you to leverage a suite of elements that when combined, result in a cost-effective, Zero Energy Ready Home.

5. SWIFT RETURN ON INVESTMENT
   Energy modeling has some of the best payback times in the business, often within a few months. The cost for energy modeling varies depending on the software and/or company you choose.

RESIDENTIAL ENERGY DESIGN PROFESSIONALS IN UTAH

- EI COMPANIES
  801-203-0807
- ENERGY RATED HOMES OF UTAH
  UTAH ENERGY ORC
  801-765-0034
- G-BUILD
  GBUILD.COM
  801-210-9121
- HOMETECK SERVICES
  HTSUT.COM
  435-212-1525
- INSPECTIONS UNLIMITED
  435-220-0149
- LONE PINE ENERGY CONSULTANTS
  LONEPINEENERGY.COM
  801-553-9353
- NEXANT, INC
  801-637-2135
- SURVEY & TESTING SERVICES
  801-999-8062
- TARGET HOME ENERGY
  TARGETHOMEENERGY.NET
  435-755-5012

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