Daybreak Energy Initiatives

Salt Lake Sustainable Building Conference
April 29, 2008

Agenda

- Energy Star
- Post Occupancy Performance
- Energy Smart Partnerships
- High Performance Demonstration Homes
Energy Star

- First Utah community to require every home to be built to Energy Star Guidelines

Post Occupancy Performance

- Because all of our builders adhere to EPA’s Energy Star guidelines, our homes use 12% less energy on average than a typical new home in the same area
Energy-Smart Partnerships

- *Salt Lake City is one of first 13 cities nationwide to receive funding as part of Solar America Cities*
- *Kennecott Land is the only developer participating in the first 13 city projects*

High Performance Demonstration Homes

- *2008 Parade of Homes*
  - Builders
    - *Rainey, Gold Medallion, Holmes Homes, Liberty Homes*
  - *Goals*
    - Differentiate Daybreak and Our Builders
    - Trial New Techniques
      - *Document barriers, learning*
      - *Build industry relationships*
High Performance Demonstration Homes

• 40% - 70% Whole-House Savings
• Trial Innovative and/or Renewable technologies
  ● Domestic Solar Hot Water
  ● Photovoltaic
  ● PVT
  ● Geo-exchange
  ● SIPS

Impact
  ● Scalable?
  ● Reduction in resource use?
  ● Appreciated by stakeholders?

Risk
  ● Proven or experimental?
  ● A pilot or an established program?
  ● Do we control implementation?
  ● Will the market accept it?
Daybreak Energy Conservation Strategy

- Norm
- Efficiency
- Renewables
- New Technology

Time

Utility Contribution
Local Contribution