Energy Use
Average annual energy use: 47,600 kWh
Prototype annual use: 11,330 kWh
Energy saved: 36,270 kWh or $3,990/year @ $0.11/kWh

Systems
Each component of the structure is chosen to reduce the energy usage.
- The 2x6" advanced framing allows for extra insulation.
- The double-paned low-e windows allow sunlight but limit heat transfer.
- The air supply is tightly controlled through an Energy Recovery Ventilator.
- The geothermal system is very efficient and can be used for both heating and cooling.
- Hot water comes from the geothermal and solar hot water heaters.
- Electricity is kept low by using efficient lighting and appliances.
- All energy usage is controlled by a home automation system that can give instantaneous feedback.

Our Target Market
Largely small families or expecting couples
Looking for bigger houses and more rooms
3 bedroom houses are the most popular

Survey
We fielded a survey in Evanston area
- Garage
- Central park
- Size and number of rooms
- Home Control System

Industry Information
Housing market is currently poor – price sensitive consumers
Although price sensitive, consumers are still willing to pay considerable money for these kinds of houses
Average listing price of a 3 bedroom house in Evanston: $428,768