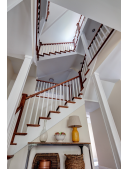




Evolutionary Home Builders LLC

Illinois First Zero Energy Custom | South Elgin, IL



PROJECT DATA

- **Layout:** 3 bed, 2.5 bath, 3 fl, 3600 ft²
- **Climate:** 2021 IECC Cold Humid
- **Category:** Custom

Modeled Performance Data

- **ERI:** without PV 35
- **Annual Energy Costs:** without PV \$480
- **Annual Energy Cost Savings:** without PV \$2,000
- **Savings in the First 30 Years:** without PV \$84,000

TESTIMONIAL

When we set out to build a house we knew that it was somewhere we wanted to live for the rest of our lives, and we didn't want to think back in 10, 20, or 30 years and be kicking ourselves for not taking advantage of the technological advances in home building. We like that it is intelligently engineered to achieve the maximum in efficiency. I can't fathom building a home that doesn't use the most up-to-date building science.

- Homeowner

KEY FEATURES

- Energy / Heat recovery ventilator
- Electric Vehicle Charger Installed or Wired for Charger
- High-performance wall with continuous insulation
- Triple-pane windows
- Unvented insulated attic
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25

CONTACT

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U.S. DEPARTMENT
of ENERGY

Office of Critical Minerals
and Energy Innovation

For more information on the DOE Efficient New Homes program:
<https://www.energy.gov/eere/buildings/doe-efficient-new-homes-program>