



Insulsteel

Regimental Lane | Charleston, SC



PROJECT DATA

- **Layout:** 4 bed, 4.0 bath, 2 fl, 2967 ft²
- **Climate:** 2021 IECC Hot Humid
- **Category:** Custom

Modeled Performance Data

- **ERI:** with PV 16

KEY FEATURES

- All-electric home
- Compact (core) plumbing design
- High-efficiency variable-speed heat pump
- High-performance wall with continuous insulation
- Photovoltaics
- Battery storage
- Unvented insulated attic
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25

TESTIMONIAL

It's about extreme energy efficiency and air quality. ... We have homes that are 3,000 square feet that have \$15 or \$20 electric bills. That's the bottom line, to get lower energy costs and just avoid waste.

- Steve Bostic, co-founder, Insulsteel Building Enclosures, LLC

CONTACT

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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>