



Envinity, Inc.

Trout Rd. House and Cottage | State College, PA



PROJECT DATA

- **Layout:** 4 bed, 7.0 bath, 3 fl, 4050 ft²
- **Climate:** 2021 IECC Cold Humid
- **Category:** Custom

Modeled Performance Data

- **ERI:** without PV 47
- **Annual Energy Costs:** without PV \$1,560
- **Annual Energy Cost Savings:** without PV \$2,150
- **Savings in the First 30 Years:** without PV \$87,200

TESTIMONIAL

As part of this air-sealing strategy, our team built a service cavity [behind the ceiling] drywall ... to run wiring for lighting and install recessed LED lights. We also blower door test our homes several times throughout the construction process. The buildings achieved an extremely tight building envelope due to this attention to detail.
- Envinity

KEY FEATURES

- Cold-climate heat pump
- Compact (core) plumbing design
- Energy / Heat recovery ventilator
- Triple-pane windows
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25
- Central Manifold Plumbing Design

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>