### The Categories and Criteria

#### Criteria
- Design and structural engineering innovation.
- Creative use of SIP construction.
- Environmental sustainability.

#### High Performance Criteria
- Projects can compete both here and in specific building type category.
- Features pertaining to eco-efficiency, health, resilience, and renewable energy.
- Energy efficiency (quantified by HERS Index, blower door and other data).

#### Award Categories
- High Performance
- Single Family ‘Small House’ under 900 sq. ft.
- Single Family Homes over 3,000 sq. ft.
- Single Family Homes under 3,000 sq. ft.
- Multifamily
- Agricultural
- Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.
- Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.
- Renovations (residential or commercial).
- Affordable
The Judges....Many thanks!

**Marianne Cusato**
Designer, author and lecturer in the fields of architectural design, real estate trends and housing solutions. Selected by FORTUNE Magazine as one of the Top Women in Real Estate.

**Ron Jones**
Green Builder Media President and long-time builder, previously on NAHB and USGBC boards. Author of more than a hundred published articles related to sustainability and the built environment.

**Michael Baechler**
PNNL Pacific Northwest National Labs. Managed an assessment of renewable energy for the DOD authoring several environmental documents and over 70 books, articles and reports.

**Sam Rashkin**
Chief Architect with the DOE and runs the Zero Energy Ready Home Program. Author of the book titled "Retooling the U.S. Housing Industry: How It Got Here, Why It's Broken, and How to Fix It" that presents a comprehensive strategy for transforming the new homebuyer consumer experience.
Oklahoma Equine Hospital

Enercept
Charlie Ewalt

Oklahoma Equine Hospital
Goldsby, OK

SIP walls: 8" with EPS insulating core

SIP roof: 10" roof with EPS insulating core

Winner
Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.
NCC Seeds Farm

Northfield Construction
Chris Smisek and
Energy Panel Structures

NCC SEEDS FARM
Northfield, ME.

SIP wall thickness: 6” EPS Foam
BC Plywood interiors.

SIP roof thickness: 10” Neopor
Foam BC Plywood interiors.

Winner
Large Commercial

Commercial /Industrial/ Institutional over 10,000 sq.ft.
Trav’s Outfitter

Winner

Enercept
Charlie Ewalt
Trav's Outfitter
Watertown, SD.

SIP wall thickness 6" walls with an EPS insulating core.
SIP roof thickness 10" roof with an EPS insulating core.

Commercial/Industrial/Institutional over 10,000 sq.ft.
Residential/Commercial

Renovations

Structural Insulated Panel Association
Mount Hope Winery

**Renovations**

**Enercept**

Charlie Ewalt

Mount Hope Winery
Manheim, PA.

SIP wall thickness: 6" EPS walls over existing barn

8" EPS walls for the addition

SIP roof thickness: 10" EPS roof

**Winner**
Residential Multifamily

Multifamily

Structural Insulated Panel Association
Palo Alto Apartments

Premier Building Systems
Becky Susan

Palo Alto Apartment Project
Palo Alto, CA.

SIP wall thickness:
24,168 sf of 6" SIP Walls

Winner
Large Residential

Single Family Over 3,000 sq. ft.

Structural Insulated Panel Association
Inglis Residence

Extreme Panel Technologies
Josh Fragodt

Inglis Residence
Nevis, MN.

SIP wall thickness: 6 1/2"
SIP roof thickness: 12 1/4"

Winner
Ford Residence

PanelWrights
Al Cobb

Ford Residence
Hedgesville, WV.

SIP wall thickness: 6.5" EPS
SIP roof thickness: 12.5" EPS

HERS Index: 48
Blower door: 1.0 ACH50

High Performance Winner
Small House Residential

Single Family Homes Under 900 sq. ft. (Small House)
Single Family ‘Small House’ under 900 sq.ft.

**SqFt Studio**

Premier Building Systems
Becky Susan

SqFt Studios
Kerrville, TX.

- SIP wall thickness: 680 sf of 6" panels
- SIP Floor thickness: 320 sf of 8" panels
- SIP roof thickness: 480 sf of 10" panels

**Winner**
Wright Residence

SIPsmart Building Systems
Michael Morley

Wright Residence
Baldwin City, KS

SIP wall thickness: 6 1/2" EPS
SIP roof thickness: 10 1/4" EPS

HERS: -17

Blower door:
217 CFM at 50
Equates to 1.59

Energy use intensity:
kBtu/ft²/yr -11.1
Small Residential

Single Family Homes under 3,000 sq. ft.
Breckenridge Sisters Cabin

Extreme Panel Technologies
Perry Penske

Breckenridge Sisters Cabin
Breckenridge, CO.

SIP wall thickness:
6 1/2" walls with EPS foam

SIP roof thickness: 12 1/4" roof with Neopor foam

Winner
Small Residential

High Performance Category

Single Family Homes under 3,000 sq. ft.
3 Sisters Project Ft. Worth

Ferrier Builders
Heather Laminack

3 Sisters Project
Fort Worth, TX.

SIP wall thickness:
4" wall panels
6.5" wall panels at stair wall.
EPS core

SIP roof thickness: 6" roof panels.
EPS core

HERS Index: 9

Blower door test: 1.9 ACH50

High Performance Winner
Affordable Residential

Affordable Housing

Structural Insulated Panel Association
Thunder Valley House

Enercept, Charlie Ewalt

Thunder Valley House (Regenerative Community) Porcupine, SD.

SIP wall thickness 6" walls with EPS solid insulating core.

SIP roof thickness 12" roof with EPS solid insulating core.

Winner
Residential

Overall Winner Residential
Ford Residence

PanelWrights

Overall Winner Residential
3 Sisters Project Ft. Worth

Ferrier Builders

Overall Winner High Performance
Overall Winner Commercial
Palo Alto Apartments

Premier Building Systems

Overall Winner Commercial
## Runner up and Honorable Mentions

Congratulations and thank you for submitting your amazing projects!

<table>
<thead>
<tr>
<th>Category / Member</th>
<th>Project Name and Location</th>
<th>Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Affordable Housing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Innova Eco Building System</td>
<td>Dania Beach Home, Dania Beach, FL</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Agricultural</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premier Building Systems</td>
<td>Coyote Rock Ranch, Terrabone, OR</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Commercial/Industrial Over 10,000 sq.ft.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enercept</td>
<td>Prairie Winds United Methodist Church, Dickinson, ND</td>
<td>Honorable Mention</td>
</tr>
<tr>
<td>Innova Eco Building System</td>
<td>The Nest Villa, Antigua, British Virgin Islands</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Commercial/Industrial/Institutional Building under 10,000 sq.ft.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panelworks Plus</td>
<td>Invictus Brewing, Blaine, MN</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Multifamily</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premier Building Systems</td>
<td>Pax Futura, Passive Apartments - Seattle, WA</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Renovations</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>James Andrews Custom Homes / Korwall</td>
<td>Conrad Kitchen Addition, Lucas, TX</td>
<td>Runner up</td>
</tr>
<tr>
<td>Innova Eco Building System</td>
<td>Exterior Renovation Upgrade, Davie FL</td>
<td>Honorable Mention</td>
</tr>
<tr>
<td><strong>Single Family Homes Over 3,000 sq.ft.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PorterSIPs</td>
<td>Freiburger Residence, Wolcottville, IN</td>
<td>Runner up</td>
</tr>
<tr>
<td><strong>Single Family Homes under 3,000 sq.ft.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taiga Design+Build / Energy Panel Structures</td>
<td>Creekside Home, Grand Marais, MN</td>
<td>Runner up</td>
</tr>
<tr>
<td>Premier Building Systems</td>
<td>Beacon Hill Residence, Seattle, WA</td>
<td>High Performance Runner up</td>
</tr>
<tr>
<td><strong>Small House under 900 sq.ft.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enercept</td>
<td>Stepp Tree House, Elk Point, SD</td>
<td>Runner up</td>
</tr>
</tbody>
</table>