



NEW

High Performance Consideration



Lutsen Residence



Lutsen Residence

Participant information

Energy Panel Structures
Lee Bergum
603 N. Van Gordon Avenue
Graettinger, IA 51342
Phone: 612-499-0756
Email Address: lbergum@epsbuildings.com
Website: www.epsbuildings.com

Category: Single Family Homes (under 3,000 sq ft.)
High Performance: Yes

Project information

Lutsen Residence
Lutsen, MN 55612

Date Completed: 04/30/2017

Dimensions of building (all floors of multi-story building):
28' x 34'

Total sq. ft. of conditioned space: 1,700 sqft

Built By (if different than applicant)

Dave Vessel
9206 Birch Lake Road
Ely, MN 55431

Panels Manufactured By: Energy Panel Structures

Designed By (if different than applicant - SIPA will only recognize members)

Energy Panel Structures
603 N. Van Gordon Avenue
Graettinger, IA 51342

Total sq. ft. of conditioned space: 1,700 sqft



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Describe the HVAC system used on the project:

In-floor heat with gas boiler
air exchanger

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. (judged only for High Performance Category)

Marvin Windows U-27
Low - E

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar (judged only for High Performance Category):

LED lighting

Any additional comments on the project:

Very energy efficient cabin. Last year's heating cost was \$400.00 for the year! An average of \$33.00 per month, for Northern Minnesota that is very good!

Side view

Lutsen Residence



Living area

Lutsen Residence



Rear view

Lutsen Residence



Front view

Lutsen Residence



Front view

Lutsen Residence

