U.S. Department of Energy - Energy Efficiency and Renewable Energy Energy Savers

Log Home Design

Log homes may be site-built or <u>pre-cut</u> in a factory for delivery to the site. Some log home manufacturers can also customize their designs.

Before designing or purchasing a manufactured log home, you need to consider the following for energy efficiency:

- The R-Value of Wood
- <u>Minimizing Air Leakage</u>
- <u>Controlling Moisture</u>
- Building Energy Code Compliance

For designing an energy-efficient log home, you should consider using the <u>whole-house</u> <u>systems approach</u>. You might also want to incorporate some <u>passive solar design features</u>.

Learn More

Product Information

 <u>Products and Services</u> Log Homes Council

Professional Services

- <u>Member Directory</u> International Log Builders' Association
 <u>Member Directory</u>
- Log Homes Council

Related Links

- Log Home Builder's Association of North America
- Log Homes Council National Association of Home Builders

Reading List

• Pickett, R., ed. (2003). *The Energy Performance of Log Homes* (PDF 595 KB). Log Homes Council, National Association of Home Builders.

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