

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

Log Home Design

Log homes may be site-built or [pre-cut](#) 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](#)
- [Minimizing Air Leakage](#)
- [Controlling Moisture](#)
- [Building Energy Code Compliance](#)

For designing an energy-efficient log home, you should consider using the [whole-house systems approach](#). You might also want to incorporate some [passive solar design features](#).

Learn More

Product Information

- [Products and Services](#)
Log Homes Council

Professional Services

- [Member Directory](#)
International Log Builders' Association
- [Member Directory](#)
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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