Who we are
Wisewood Energy is one of the nation’s leaders in developing advanced wood energy. We outfit communities, businesses, and industries with right-sized biomass technology that strengthens local economies, lowers energy costs, and promotes environmental stewardship.

What is a Biomass Microgrid?
A microgrid is a self-sufficient energy system that serves a discrete load, such as a hospital, campus, or community, using on-site energy generation and controls.

How this technology impacts you
During a power outage, microgrids are able to “island” from the utility grid, allowing end users to continue operating and mitigating significant risk to local economies and public safety.

Benefits of a Biomass Microgrid
1. Provides stable and flexible energy generation
2. Creates resilient energy in the event of a grid outage
3. Mitigates fire risk through vegetation management
4. Substitutes high carbon with low or no carbon energy

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focus on woody biomass fuels from three broad categories:

Wood Chips

Cordwood

Pellets

Proven technology.
Expert knowledge.
Customized approach.

Biomass Project Development
Where does your project fit in?

Initial Project Interest
Objective Setting
Data Collection
Energy Modeling
Preliminary Site Assessment
ROM Project Costs

Site Selection
Preliminary Permit Assessment
Conceptual Design
Detailed Mechanical Design
Preliminary Financial Model

Subdiscipline Engineering
Final Mechanical Engineering
Construction Documentation

Final Project Development
System Construction
Commissioning

Ongoing Operations & Maintenance

Contact us today to help you take the next step on your biomass energy project!

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