

Biomass Microgrids

RENEWABLE



RELIABLE

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

Provides stable and flexible energy generation

Creates resilient energy in the event of a grid outage

Mitigates fire risk through vegetation management

Substitutes high carbon with low or no carbon energy





Biomass Project Development

Where does your project fit in?

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

Subdiscipline Engineering Final Mechanical Engineering Construction Documentation

Ongoing Operations & Maintenance

L10

L20

L30

L40

L50

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

Final Project Development System Construction Commissionina

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

WE focus on woody biomass fuels from three broad categories:





Pellets