



Photo by Marcus Kauffman

Advanced Wood Energy

Modern, right-sized biomass energy systems are reliable, have low emissions, and utilize low value woody biomass as a fuel source for the production of electricity and thermal energy. Wisewood Energy outfits institutional, commercial, Tribal and industrial clients with state-of-the-art biomass energy systems that build strong local economies, support healthy forest ecosystems, and stabilize energy costs. We're here to help you make the switch from fossil fuel to forest fuel.

Is Biomass Right For You?

✓ You have a locally available, underutilized stream of wood.

Wasted or underutilized wood is more common than you may think. Wood used to fuel wood energy systems can divert material otherwise sent to the landfill, like clean construction and demolition material and urban tree pruning, as well as the byproduct of healthy forest management, like wildfire fuels reduction treatments and pre-commercial thinning.

✓ You have a large energy demand.

While small biomass systems make sense when the main goal is to replace fossil fuels or you have a free source of wood, bigger dollar savings are possible as systems get larger in size. Biomass is most efficient at producing thermal energy for heating, or combined heat and power (CHP).

✓ You want to go green.

Trees grow back, fossil fuels don't. Switching to biomass replaces fossil fuels with waste woody material that would often be burned in piles with uncontrolled emissions, or sit in landfills where it contributes to methane emissions. In the Western US, trees aren't cut down just to send to an energy system.

✓ You want to support your local economy.

When you buy fossil fuels, your dollar is distributed to large global corporations. When you buy waste wood, it's coming from your local area – so it benefits the local fuel provider, processor, and fuel handlers.

✓ You care about your energy source.

Advanced wood energy takes some forethought to coordinate fuel sourcing and delivery, and it requires more hands-on involvement; however, if handled properly your system can provide decades of green energy. While fossil fuels are convenient and inexpensive (until they're not), biomass is worthwhile to people who care about the source of their energy.



Think you might have a project?
Contact us to learn more about
wood energy options!
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WISEWOOD ENERGY

Technology in Service of Community and Environment
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