

Why is biomass energy renewable

Trees, branches, scraps of bark, and recycled paper are common sources of biomass energy. Manure, garbage, and crops, such as corn, soy, and sugar cane, can also be used as biomass feedstocks. We get energy from biomass by burning it. Wood chips, manure, and garbage are dried out and compressed into squares called briquettes.

National Renewable Energy Laboratory: Biomass Energy Basics. People have used biomass energy--energy from living things--since the earliest homonids first made wood fires for cooking or keeping warm. Today, biomass is ...

Biomass: Biomass energy includes biofuels, such as ethanol and biodiesel, wood, wood waste, biogas from landfills, and municipal solid waste. Like solar power, biomass is a flexible energy source, able to fuel vehicles, heat buildings, and produce electricity.

Plants create energy from the sun through photosynthesis. This energy is stored in the plants even after they die. Trees, branches, scraps of bark, and recycled paper are common sources of biomass energy. Manure, garbage, and crops, such as corn, soy, and sugar cane, can also be used as biomass feedstocks.

Geothermal energy is renewable; it is not a fossil fuel that will be eventually used up. Earth is continuously radiating heat out from its core, and will continue to do so for billions of years. Some form of geothermal energy can be accessed and harvested anywhere in the world.

Renewable resources include biomass energy (such as ethanol), hydropower, geothermal power, wind energy, and solar energy. Biomass refers to organic material from plants or animals. This includes wood, sewage, and ethanol (which comes from corn or other plants).

Biomass energy, a renewable energy source, can also be a nonrenewable energy source. Biomass energy uses the energy found in plants. Biomass energy relies on biomass feedstocks --plants that are processed and burned to create electricity.

Tidal energy is a renewable source of energy. During the 20th century, engineers developed ways to use tidal movement to generate electricity in areas where there is a significant tidal range --the difference in area between high tide and low tide .

There are many benefits to using renewable energy resources, but what is it exactly? From solar to wind, find out more about alternative energy, the fastest-growing source of energy in the world, and how we can use it to combat climate change.

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