

What are biofuels used for



Overview

biofuel, any fuel that is derived from biomass—that is, plant or algae material or animal waste. Since such feedstock material can be replenished readily, biofuel is considered to be a source of renewable energy.

What are biofuels used for



Ethanol explained

Various state and federal government policies and programs dating as far back as the mid-1970s have led to increased ethanol use in gasoline. About two million gallons of fuel ethanol were consumed in ...

Ethanol explained

In the United States, nearly all fuel ethanol is produced from corn kernel starch, which is considered a conventional biofuel under the U.S. Renewable Fuel Standard Program (RFS).



[What are Biofuels? Their Definition, Types, ...](#)

Biofuels offer a range of environmental, economic, and social benefits: Reduced Greenhouse Gas Emissions: Biofuels emit fewer greenhouse gases compared ...

Biofuels explained

Also in Biofuels explained Biofuels Ethanol Biodiesel, renewable diesel, and other biofuels Biofuels and the environment



[Biofuels 101: Understanding the Different Types and ...](#)

Learn about biofuels in this comprehensive guide. Discover the types, benefits, and real-world applications of biofuels as sustainable energy sources.



[What Are Biofuels and How Do They Work?](#)

Biofuels find applications in transportation, power generation, and heating. They offer environmental benefits, including reduced greenhouse gas ...



Biofuels explained

Most biofuels are used as transportation fuels, but they may also be used for heating and electricity generation. Fuels produced from biomass may meet the requirements for government ...



[U.S. biodiesel use increases outside of the transportation sector](#)

The introduction of biofuel blending mandates for heating oil in some northeastern states is contributing to that growth. Although customers in other states likely blend biodiesel to heat homes ...



Biofuels Factsheet

Biofuels, primarily ethanol and biodiesel, are liquid fuels produced from biological sources, including plants, animal fat, and algae.¹ Biofuels can reduce energy ...

Bioenergy and Biofuels

Today, most liquid biofuels are used in road transport. They can be blended with petrol or diesel at various concentrations, displacing some oil from the energy mix. But increasingly, they are ...



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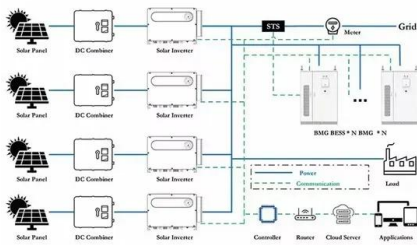


Biofuels explained

Production and consumption of renewable diesel, SAF, renewable heating oil, and other non-ethanol biofuels (excluding biodiesel) in the United States is likely to increase as announced and developing ...

Biofuels and the environment

Production and use of biofuels is considered by the U.S. government to have fewer or lower negative effects on the environment compared to fossil-fuel derived fuels. There are also potential national ...



DOE Explains Biofuels

Biofuels are liquid fuels produced from renewable biological sources, including plants and algae. Biofuels offer a solution to one of the challenges of solar, wind, ...

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