DECARBONIZING BEGAN WITH BIOHEAT® FUEL

Bioheat® fuel reduces lifecycle greenhouse gas emissions by replacing a portion of petroleum heating oil with renewable biodiesel.
As renewable content increases, emissions can be reduced further while homeowners continue using existing heating and fuel-delivery systems.

Decades of laboratory and site research

Codes and Standards Compliance

Extensive Technician Education

100% Renewable Fuel Heating Appliances & Systems

Millions of Homes Already Lowering Carbon Emissions with Bioheat@ fuel

Delivery and Service Infrastructure Already Exists

Reliable and Sustainable Agricultural Feedstocks for Low-Carbon Renewable Fuels



A PROVEN PATHWAY TO DECARBONIZED HOME COMFORT

Bioheat® fuel uses established delivery infrastructure and existing home heating systems to begin reducing emissions today.

Millions of homes have been using Bioheat® Fuel for decades

Immediate reduction in GHG emissions with increasing reductions as renewable fuel blends increase

Little or no consumer investment needed

BIOHEAT.

Learn more
BetterWithBioheat.com/LowCarbonNow

DECARBONIZING BEGAN WITH

INTEGRATION

MILLIONS OF HOMES RECEIVING LOW-CARBON LIQUID FUEL



THE DELIVERY SYSTEM IS ALREADY HERE FOR IMMEDIATE AND SUSTAINABLE CARBON REDUCTION

THE INFRASTRUCTURE FOR LOWER-CARBON LIQUID FUEL IS ALREADY IN PLACE & OPERATING

Connecting renewable fuel production with the established network already serves homeowners.

AN ESTABLISHED NETWORK

Local fuel companies already have the infrastructure and experience needed to deliver liquid heating fuel directly to homes and businesses. This well-established network includes regional terminals, bulk storage facilities, delivery vehicles, service departments and trained technicians who install, maintain and repair heating equipment.

Because this system is already in place, renewable liquid fuels can be introduced without creating an entirely new distribution network. Renewable content can be blended into heating fuel, transported through existing supply channels and delivered directly to customers using the same dependable service they already know. In most cases, customers can begin reducing the carbon intensity of their heating fuel without replacing their heating systems or making major changes to their homes.

This existing infrastructure provides a practical and scalable pathway for expanding the use of lower-carbon renewable fuels while preserving reliable heat, local service and customer convenience.

A BETTER FUEL

Bioheat® fuel combines renewable biodiesel with ultra-low sulfur heating oil to create a lower-carbon fuel for heating homes and businesses. The biodiesel component is produced from renewable feedstocks such as plant oils, used cooking oil and recycled animal fats. Blend levels are identified by their renewable content—for example, B20 contains 20% biodiesel, while B50 contains 50%.

As the percentage of renewable content increases, a greater share of petroleum is displaced. This can further reduce lifecycle greenhouse gas emissions compared with conventional heating oil. Lifecycle emissions account for the fuel's overall environmental impact, including feedstock production, processing, transportation and use.

Increasing the use of Bioheat® fuel provides a practical way to reduce the carbon intensity of home heating while continuing to rely on liquid-fuel delivery infrastructure and proven heating technology.

A PRACTICAL OPTION

Most homes can begin using Bioheat® fuel without replacing their existing boilers, furnaces or fuel-storage systems. Depending on the blend level and the condition of the equipment, the transition may require little or no modification. A trained heating professional can confirm that system components are suitable for the fuel being delivered and identify any recommended upgrades.

This gives homeowners an immediate and practical way to reduce the carbon intensity of their heating fuel. They do not have to wait for new utility infrastructure to reach their neighborhood, undertake an extensive home renovation or invest in an entirely new heating system.

Renewable fuel can be delivered through the existing fuel-distribution network, allowing households to begin lowering lifecycle greenhouse gas emissions while continuing to use familiar, dependable heating equipment.

INTEGRATION BRINGS LOWER-CARBON FUEL TO HOMES THROUGH THE EXISTING DELIVERY NETWORK