

EFFICIENCY MATTERS

in Massachusetts

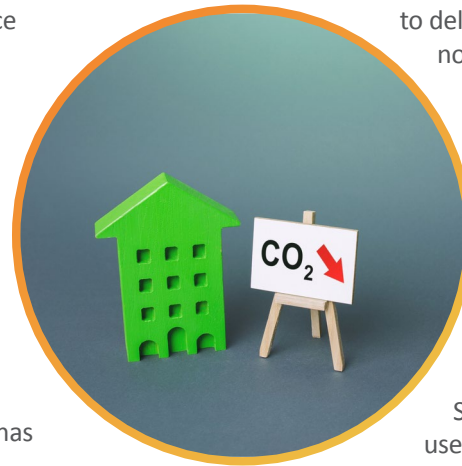
MEMA
MASSACHUSETTS ENERGY MARKETERS ASSOCIATION

NET-ZERO HOME IS POSSIBLE WITH B100 BIOHEAT® FUEL

The need to lower carbon emissions and reduce fossil fuel use has driven many industries to find alternative methods to save our warming planet. The liquid fuel heating industry is no exception. For the last two decades, it has focused on the use of renewable biofuels to replace traditional heating oil. The end goal — to reach net-zero carbon emissions.

Thanks to the combined efforts of the National Oilheat Research Alliance (NORA), manufacturers, fuel companies and heating oil associations, the use of higher blends of advanced biofuel with No. 2 home heating oil has increased substantially.

For example, in Massachusetts, many heating oil companies are delivering a **B20 blend**. In some cases, forward-thinking companies now provide a **B50 blend**, while a few are preparing



to deliver **100% renewable B100 Bioheat fuel** in the not-too-distant future.

As the industry ramps up its embrace of renewable liquid heating fuels, NORA is showing that it's possible for a biofuel-heated house to be a net-zero emitter of carbon at an economically viable cost.

NORA has piloted the **Net-Zero Carbon Home Project** using B100 Bioheat fuel (0% petroleum, 100% biofuel) with the home's high-efficiency heating oil boiler. Solar panels provided power for non-heating uses like air conditioning.

In 2024, NORA's goal is to expand its program to include more homes across the Northeast to ensure the success of the Bioheat-fuel-powered net-zero carbon home.

UPGRADE YOUR EQUIPMENT AND SAVE THIS SPRING

If your heating oil furnace, boiler or storage tank is more than 20 years old, spring is the perfect time to upgrade your heating equipment and take advantage of rebates and tax credits when doing so. In just a few weeks, **rebates of up to \$700, as well as tax credits up to \$600**, will be available to Massachusetts homeowners.

Here's what you should know.

- ✓ Get a **rebate of \$350** when you install a new high-efficiency heating oil furnace or heating oil boiler.
- ✓ Get a **rebate of \$350** when you install a new heating oil storage tank.
- ✓ Visit [DiscoverEfficiencyMass.com](https://www.discoverefficiency.com) and go to the Equipment Rebates page to read more about Massachusetts rebates.

- ✓ Get a federal **tax credit of up to \$600** for installing qualifying energy-efficient furnaces and boilers that have been rated by the manufacturer for use with heating oil that has a minimum 20% blend of biofuel.
- ✓ Go to [EnergyStar.gov](https://www.energystar.gov) to learn more about these tax credits.

And this is just a start. You'll continue to save year after year since new high-efficiency heating oil systems can **reduce your annual heating costs by 20% or more**.

Equipment rebates will be available on a first-come, first-served basis beginning in April. Speak with your heating oil company to learn more about securing these savings. They will be happy to tell you about all the high-efficiency heating equipment options available to you this spring.



B100 BURNERS: THE FUTURE IS NOW THE PRESENT

Twenty years ago, visionaries in the heating oil industry foresaw a day when advanced biofuels could be used at scale in home heating. This would reduce dependence on foreign oil and lower our country's greenhouse gas emissions.

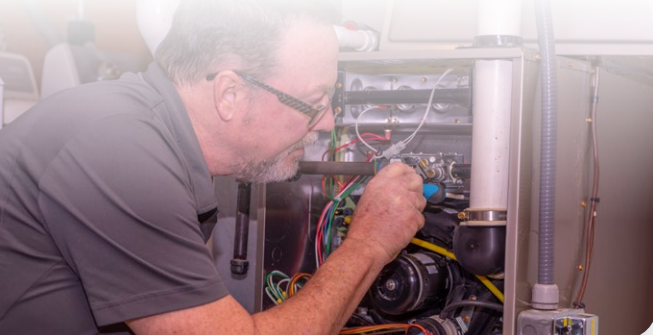
For the last decade or so, heating oil companies across Massachusetts have been increasing the blends of biofuel in the Bioheat® fuel they deliver, with the end goal of reaching **B100** fuel one day.



An important milestone was reached last year when the Underwriters Laboratories (UL) updated its standards to include burners that use B100 Bioheat fuel. The R.W. Beckett Corporation and Carlin Combustion quickly developed fully-warranted burners that are **completely B100-compatible**.

Thanks to the efforts of these two leading oilheat burner manufacturers, heating oil equipment can now support a **fully renewable liquid heating fuel**. This will allow even more homeowners to take advantage of higher blends of Bioheat fuel and pave the way for Bioheat fuel as a realistic and affordable pathway to achieve a cleaner and healthier environment for everyone in Massachusetts.

Source:
<https://oilandenergyonline.com/articles/all/b100-future-has-arrived/>



THE COLD WEATHER TEAM THAT KEEPS YOU WARM

You may not have taken notice of them in your neighborhood. Their trucks may have blended into the scenery. But the service technicians and delivery drivers who make up the team of professionals keeping you and your neighbors safe and warm this winter were out in full force.

Snow, ice and sleet didn't stop the dedicated team members from your heating company. Their focus on making sure you always get fuel delivered when you need it and that your equipment is always working as efficiently as possible is what drives them.

We thank our wintry weather team of dedicated drivers and techs for getting us all through another season.



BIOHEAT® FUEL'S NEW SPOKESMAN: BOSTON-BORN AND RAISED

The renewable heating fuel industry and Clean Fuels Alliance America are incredibly proud to welcome **Dorchester native and actor/singer-songwriter Donnie Wahlberg** into the Bioheat® fuel family to help raise awareness of this readily available, drop-in carbon-reducing fuel.

Wahlberg, known for his deep ties to the Boston community, is excited to champion this initiative, reconnecting with his roots and promoting a cleaner future for the Northeast.

"To know that my kids know I'm doing my part to help protect their future and their children's future — that means everything to me," he said.

You can follow **#DonnieWahlberg** on Instagram as he spreads the word about Bioheat® fuel and educates homeowners across the Northeast. You can also visit **MyBioheat.com** for the latest information about the fuel that is helping Massachusetts meet its aggressive goals to reduce carbon emissions.



**BROUGHT TO YOU BY YOUR LOCAL HEATING OIL COMPANY
AND BIOHEAT® FUEL COMPANY, THE MASSACHUSETTS
ENERGY MARKETERS ASSOCIATION AND THE
NATIONAL OILHEAT RESEARCH ALLIANCE**

