

IMPROVING

**Energy Efficiency
IN YOUR
Oil-Heated Home**



NORA
NATIONAL OILHEAT RESEARCH ALLIANCE

MAPDA
MD • DE • DC
Association of Convenience Stores and Energy Distributors

Getting more efficient all the time

Many Maryland and Delaware homeowners

already appreciate the responsive service, the freedom of choice, the safety and the superior comfort that oilheat offers. But some people don't realize that significant changes have taken place that can help them save money now and in the future.

This guide introduces **smart oilheat technology that, combined with new, cleaner and greener fuel**, will help you save energy and money, and help the environment for years to come. You'll also learn practical ways to improve your home's energy efficiency, along with state resources to make that a little easier — and affordable.



Meet the new oilheat

In the last few years, heating oil has been reformulated to make it cleaner burning, much more environmentally friendly and significantly more energy efficient.

Sulphur levels have been reduced dramatically, and every gallon of oil in the mid-Atlantic states now includes biofuel, a renewable blend of oil from materials like sunflowers, soybeans and vegetables.

The new fuel, which we call **Bioheat®**, is a game changer. It supports more efficient equipment, reduces emissions dramatically and eliminates the source of equipment breakdowns. What's more, Bioheat is made in America, and requires no modifications to your existing system.

Connect with an efficiency expert



Heating oil dealers in Maryland and Delaware have been energy-efficiency advocates for years. Many of their products and services help homeowners get the most out of their fuel and reduce the cost of home heating.

Your local heating oil companies can give you great advice about upgrading your heating system or boosting its efficiency with modifications. They can also recommend the best maintenance schedule to ensure that the heating equipment is always operating at peak performance.

And they'll be glad to answer all your questions and provide you with the recommendations you need to maximize energy efficiency in your home.

Current system efficiency

Annual fuel savings (per \$2,000 of fuel)

65% \$460

60% \$580

55% \$700

50% \$820

The greater the efficiency, the MORE you SAVE!

This chart shows average savings from **upgrading** to a new system with **85% efficiency**.

Source: American Council for an Energy-Efficient Economy. Average savings vary, depending on square footage of home, number in household, insulation quality and other factors.

FAST FACTS about Oilheat Efficiency



New oilheat systems boast **efficiency ratings as high as 95%**, providing more warmth with less fuel than ever before.



Many new oil boilers incorporate **energy-saving controls that can reduce fuel usage by as much as 10%** and provide a more even heat.



High-efficiency oil furnaces now feature variable-speed motors that **use about 80% less energy**.



Recent studies show **potential fuel savings as high as 48%** when replacing an outdated boiler with a new, high-efficiency oil boiler.*

*Source: NYSERDA



Maryland and Delaware Savings Spotlight

Did you know that there are a variety of programs available to help you lower energy costs right away?

Among these are the Maryland Home Energy Loan program and Energize Delaware, which provide financial incentives to help homeowners improve the energy efficiency of their homes, including the purchase of eligible oil-heating equipment. Maryland and Delaware heating oil dealers can help you qualify for these programs.

Rebates Available!

Certain conditions apply. Please call your dealer or visit MDEnergyLoan.com or EnergizeDelaware.org for more details.



5 smart moves to get energy efficient

- 1. Keep warm air moving.** Distribute heat evenly in rooms by running a ceiling fan in reverse. By recirculating the warm air trapped near the ceiling, you can lower your thermostat.
- 2. Schedule your annual heating system tune-up** to reduce heating oil usage by up to 10%.
- 3. Install smart programmable thermostats** to automate your home temperature settings. You could reduce your energy use and save as much as 10%.
- 4. Add outdoor reset controls to your boiler.** Your boiler's water temperature will automatically adjust, depending on the outdoor temperature. This can save hundreds of dollars on your annual fuel bill.
- 5. Upgrade to a new energy-efficient heating oil system** if your existing system is more than 20 years old. You may be able to reduce your annual heating costs by 30% or more!

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about oilheat?*

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