



IMPROVING

Energy Efficiency IN YOUR Oil-Heated Home

NORA
NATIONAL OILHEAT RESEARCH ALLIANCE



Fuel Merchants Association
of New Jersey



Getting more efficient all the time

Many New Jerseyans 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 heating oil now includes biofuel, a renewable blend of oil from materials like soybeans and recycled cooking oil.

The new fuel, which we call **Bioheat®**, is a game changer. It supports more efficient equipment, reduces emissions dramatically and eliminates a primary 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 New Jersey 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 electricity**.



Recent studies show **potential fuel savings as high as 48%** when replacing an outdated boiler with a new, high-efficiency oil boiler.*

*Source: NYSERDA



New Jersey Savings Spotlight

Did you know that there are hundreds of dollars in state rebates available to help you enjoy lower energy costs right away?

These rebates are specifically designed for qualified homeowners who want to improve the energy efficiency of their homes, including the purchase and installation of eligible oil-heating equipment. New Jersey heating oil dealers can help you qualify for these rebates.

**Rebates
Available!**

Certain conditions apply. Please call your dealer or visit NJCleanEnergy.com/warm 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. Install an indirect-fired water heater,** which uses your boiler as its heat source. This can cut your water heating costs significantly during the fall and winter.
- 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?*

Visit OilheatAmerica.com/oilheat/efficient



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