

**IMPROVING
ENERGY EFFICIENCY
IN YOUR
OIL-HEATED HOME**



SmartHeatingPA.com



GETTING MORE EFFICIENT ALL THE TIME

Many Keystone State homeowners appreciate the responsive service, freedom of choice, safety and superior comfort that oilheat offers. But some people aren't aware of the significant changes that have already taken place that will save them 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 about practical ways to improve your home's energy efficiency, and learn about the role that local heating oil dealers play in helping their customers achieve greater efficiency.

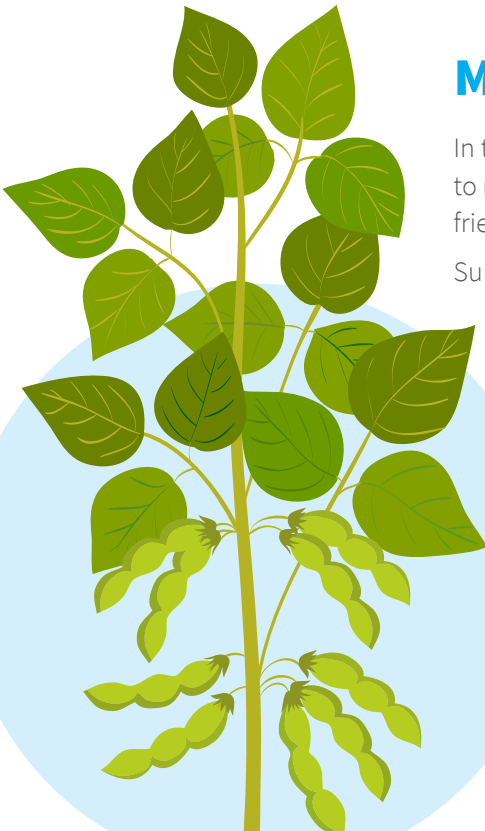


MEET THE NEW OILHEAT

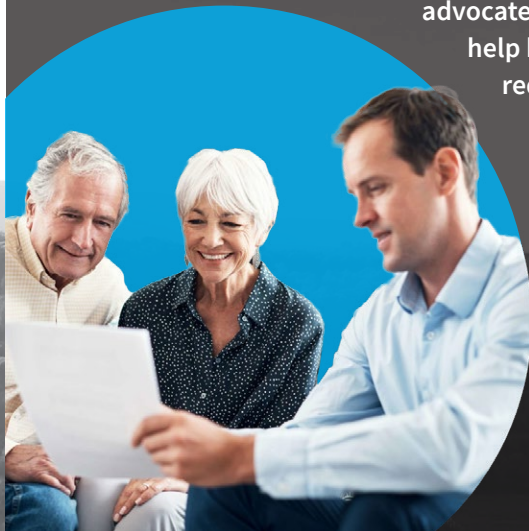
In the last few years, heating oil has been reformulated to make it cleaner burning, much more environmentally friendly and significantly more energy efficient.

Sulfur levels have been reduced dramatically, and heating oil in Pennsylvania now includes biofuel, a blend of oil from homegrown materials like soybeans and other renewable products.

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 Pennsylvania 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!**

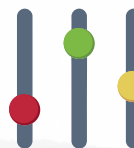
This chart shows average savings from upgrading to a new system with 85% efficiency.

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

PENNSYLVANIA SAVINGS SPOTLIGHT

Did you know that homeowners in Pennsylvania can secure up to **\$1,000** in rebates to upgrade their heating systems and tanks?

Thanks to funding made available through the National Oilheat Research Alliance, you may be eligible to save big money when you install new heating equipment on your property. The value of the rebate depends upon your location in Pennsylvania. And because there is limiting funding for equipment rebates, rebates may not be available for long. So act fast!

To learn more or to find out which rebates you can qualify for, visit upgradeandsavepa.com or contact your heating oil dealer today.





5 SMART MOVES TO GET ENERGY EFFICIENT

- 1. Keep warm air moving** to 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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