



# Natural Gas

**A clean, versatile,  
dependable, safe and  
economical fuel source  
is at your service...**

**and now is the perfect  
time to convert your  
home or business to  
natural gas  
provided to you by  
Norwich Public Utilities**

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# Why Use Natural Gas?

There are many benefits to choosing natural gas for your home's fuel source. It's clean, it's versatile, and it's always available. And, unlike home heating oil or propane, you only pay for what you use -- when you use it -- **and you pay up to 40% less than other home heating fuels!**

In the United States, 61% of all households use natural gas for heating, cooking, drying clothes, heating water, and fueling fireplaces. More households in the U.S. heat with natural gas than electricity, fuel oil and propane -- combined!

Residential use of natural gas is expected to grow considerably as homeowners realize the value of this domestic fuel source. With approximately 200,000 U.S. households switching to natural gas for heating every year, the U.S. Department of Energy (DOE) expects natural gas consumption to rise 20% by 2030!

Don't be left out in the cold. Consider switching to natural gas for your home's fuel source. And, with all the great programs and **money-saving incentives and rebates** Norwich Public Utilities offers, plus the customized, one-on-one assistance we provide, there has never been a better time to convert your home or business to natural gas!



# It's Clean

Natural gas is one of the cleanest fuel sources in use today. When burned, natural gas produces less carbon dioxide (a greenhouse gas), less sulfur dioxide (a cause of acid rain), less nitrogen oxide (which causes smog), and less particulate matter (which can affect health and visibility) than oil. Natural gas produces virtually no solid waste residue.

Because natural gas is a clean fuel, you have the added benefit of less costly maintenance and repairs needed for your appliances.

Natural gas-fueled equipment and systems are more energy efficient than those using other fuel sources. Energy efficiency is measured by the amount of energy used or lost in providing hot water, steam, and warm or cool air. The more efficient the appliance, the less fuel used and the less you pay over its lifetime.



# It's Versatile

Natural gas can do more than provide heat to your home. It can be used to heat your water, dry your clothes, cook your food, and light your fireplace.

Once natural gas is piped to your home, it is easy to convert appliances or add new natural gas appliances.

# It's Dependable

Natural gas is always available, so you never have to worry about running out of heating fuel again. There are no storage tanks to fill -- or to take up space in your yard or basement. NPU offers low-cost service and maintenance plans for your appliances giving you 24 hour/7 day a week support from NPU staff who are your local, **Recognized Experts**.

# It's Safe

Natural gas is safe. The natural gas industry and Norwich Public Utilities consider safety to be of the utmost importance. The industry -- and NPU -- have a solid safety record due to extensive training and safety programs overseen by state and federal officials. As a result of these stringent requirements, and the amount of natural gas deliveries grows, the number of safety-related incidents involving natural gas pipelines has actually *decreased* by 29%! There are almost 2 million miles of pipeline nationwide, and over 136 miles of pipeline in Norwich. There is virtually **no difference** in the safety record of natural gas compared to other home fuel sources, including propane gas, electricity and fuel oil.



# It's Efficient

Efficiency matters. That's why we encourage our customers to take advantage of NPU's Natural Gas Efficiency Program. We offer rebates for the purchase of high efficiency natural gas furnaces, boilers, and instantaneous water heaters.



## Efficiency and Incentive Levels

### *FURNACES & BOILERS*

	<i>Heating Capacity (Btuh)</i>	<i>Minimum Efficiency</i>	<i>Incentive</i>
Warm Air Furnace	≤ 150,000	90% AFUE	\$400
Unit Heater	≤ 400,000	90% Thermal Efficiency	\$1,200
Hot Water Boiler	≤ 300,000	90% AFUE	\$600

### *WATER HEATERS*

	<i>Max. Flow Rate at 65°F Temp. Rise (GPM)</i>	<i>Minimum Efficiency</i>	<i>Incentive</i>
Indirect Fired Water Heater ≤ 50 gallon storage	N/A	90% Thermal Efficiency	\$250
On Demand Tankless Water Heater w/ electronic ignition	≤ 4	0.82 Energy Factor	\$250
On Demand Tankless Water Heater w/ electronic ignition	>4	0.82 Energy Factor	\$450

### *COMBINATION BOILER/WATER HEATER UNIT*

	<i>Heating Capacity (Btuh)</i>	<i>Minimum Efficiency</i>	<i>Incentive</i>
Tankless Boiler/Water Heater Comb	≤ 300,000/<4 GPM	90% AFUE	\$850
Tankless Boiler/Water Heater Comb	≤ 300,000/>4 GPM	90% Thermal Efficiency	\$1,050

**NOTE:** Rebate and Incentives are subject to change. Contact NPU at 860-823-4514 or visit [www.norwichpublicutilities.com](http://www.norwichpublicutilities.com) for more information.

## HES Efficiency Program

The first step to saving money on heating costs is to make sure your home is energy efficient! NPU offers a **no-cost** Home Energy Savings (HES) Program to examine and tighten up your home against air leaks and other causes

of wasted energy. This program is free and available to all Norwich residential customers, regardless of which fuel is used in the home. Call 860-823-4514 to schedule an appointment.

## Smart-E Residential Loan Program

The **Smart-E loan** program provides an opportunity for Norwich homeowners to finance over forty potential home energy efficiency improvement measures, including natural gas conversion and high efficiency natural gas equipment. Many of these measures can result in a savings in the first month.

Smart-E, an *Energize Connecticut* initiative, offers financing in partnership with Norwich-based lenders CorePlus Credit Union and Eastern Savings Bank. Loans are available over a 5, 7, 10, or 12-year term, with maximum rates, depending on loan term, ranging from 4.49% to 6.99%. It does not require any home equity, and most loans will not require a lien on the home. Please visit [www.energizect.com/smart-e](http://www.energizect.com/smart-e) for additional information and opportunities.

Smart-E is administered jointly by CEFIA, CorePlus Credit Union and Eastern Savings Bank.

### Eastern Savings Bank

Erica Winstead  
860-425-0132  
John Mancini  
860-425-0120

### CorePlus Federal Credit Union

Selina Moriarty  
860-885-0576, x3165  
Ray Currier  
860-885-3650



# It's Economical

Natural gas, on average, will cost about 40% less to heat your home.

### Estimate the Savings\*:

Oil		Natural Gas
700 gallons/year @ \$3.50/gallon	=	980 Ccf/Year @ \$1.550/Ccf
\$2,450/year	vs	\$1,519/year

**Annual Savings = \$931**  
(factoring 80% efficiency for equipment)

**Upgrade to 93% AFUE high efficiency  
equipment = \$1,321 annual savings**

**Plus, qualifying customers are eligible for a \$1,000 incentive for using natural gas as well as rebates for high efficiency equipment!**

*\*Savings vary - NPU can assist in providing actual savings calculation specific to your home*



# It's Domestic

**Reducing our dependence on  
foreign oil**

Natural gas is a domestic fuel. 99% of the natural gas used comes from North America, and 84% of that amount is produced in the United States. By switching to natural gas, we can greatly reduce America's dependence on foreign fuel.

