

- Home
- About OSI
- Energy Division
 - Energy in NH**
 - Programs and Initiatives
 - Saving Energy
- Planning Division
- Special Projects
- News and Events
- Jobs, Grants, RFP's and Funding Availability
- State Data Center
- Resource Library
- Contact OSI

Fuel Prices

Search this site

Under the US Department of Energy's State Heating Oil and Propane Program (SHOPP), OSI monitors residential retail prices for heating oil and propane to determine the average prices for these fuels in New Hampshire. In addition to the federal SHOPP program, OSI also monitors gasoline, diesel fuel, electricity, wood pellet, cord wood and natural gas prices.

Average Fuel Prices in New Hampshire

Note that the prices OSI publishes are statewide sample averages and therefore might be different than your local price. For more information see [Notes](#) below.

Keep in mind, when considering heating costs much will depend on the efficiency of any given appliance -- a ductless heat pump, for example, is more efficient than a space heater.

Check out "[How do I compare heating costs?](#)" for more information and resources for calculating annual heating costs of different heating systems at adjustable fuel prices.

For more information on how to make your home or business more efficient, visit [NH Saves](#).

Current Heating Fuel Values - Petroleum Fuels- January 29, 2019

Fuel Type	Price / Unit	Heat Content Per Unit (BTU) (Note 1)	System Efficiency (Note 7)	Price Per Million BTU
Fuel Oil (#2)	\$3.09 / Gallon	138,500	80%	\$27.90
Propane	\$3.17 / Gallon	91,333	80%	\$43.36
Kerosene	\$3.52 / Gallon	135,000	80%	\$32.63

Updated weekly from the first Tuesday in October until the last Tuesday of March and updated monthly the remainder of the year.

Current Heating Fuel Values - January 3, 2019

Fuel Type	Price / Unit	Heat Content Per Unit (BTU) (Note 1)	System Efficiency (Note 7)	Price Per MMBTU
Natural Gas 1st Tier (<100 Therms) (Note 2)	\$1.19 / Therm	100,000	80%	\$14.88
Natural Gas 2nd Tier (>100 Therms) (Note 2)	\$1.19 / Therm	100,000	80%	\$14.88
Electricity (Note 2) Resistance Heat	\$0.1784/ kwh	3,412	100%	\$52.29
Electricity (Note 2) Air Source Heat Pump	\$0.18 / kwh	3,412	250%	\$20.92

Updated monthly.

Current Heating Fuel Values - Biomass Fuels- January 3, 2019

**New: See OSI's [New Hampshire Wood Pellet Prices](#) webpage for detailed information on wood pellet prices in New Hampshire.*

Fuel Type	Price / Unit	Heat Content Per Unit (BTU)(Note 1)	System Efficiency (Note 7)	Price Per MMBTU
See New Hampshire Wood Pellet Prices webpage for more detailed information on pellet prices.				
Wood (Bulk delivered ton) (Note 3)	\$284.50	16,500,000	80%	\$21.55
Wood (Bagged ton) (Note 3)	\$281.43	16,500,000	80%	\$21.32
Wood (Cord) (Note 4)	\$467.22	20,000,000	50%	\$46.72

Updated quarterly.

NH Average Prices for Motor Fuels -January 3, 2019
(see [Note 5 & 6](#))





Gasoline (gallon)	Diesel (gallon)	Electric (eGallon)
\$2.38	\$3.06	\$1.81

OSI Events Calendar

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Historical Data

How do these current fuel prices compare with past prices in New Hampshire? See the trend graphs below.

- [Long-term: NH 15-Year Heating Price Trend](#)  (October 2000 to December 2016)
- [Mid-term: NH 4-Year Heating Price Trend](#)  (January 2014 to June 2018)
- [Short-term: NH Previous Heating Season](#)  (October 2, 2017 to March 26, 2018)
- [Current Heating Season](#)  (Beginning October 2018 - December 2018)

Helpful Tips for Deliverable Fuel Customers

For NH residents that heat with oil, kerosene, or propane:

Your fuel supplier is working hard to keep you safe and warm. Follow these tips to be prepared for a quick and easy fuel delivery:

- Keep an eye on your fuel gauge. To avoid delivery delays, always call your vendor **at least ten days** in advance of needing fuel.
- Make sure your driveway and path to the tank are clear of snow.
- Mark your tank with a flag so it is easy to locate.
- Check that your house number is visible from the road
- Keep any exhaust vents on your home clear of snow, ice, and other debris.


Know what to do. Have what you need. Stay safe and warm this winter.

If you or someone you know is having difficulty paying for home heating fuel or utilities, please call your local Community Action Agency. If you need help locating the agency in your area, click on the [Community Action Agency link](#) or call 211 for additional information.

Deliverable Fuel Savings

For deliverable fuels (e.g. oil and propane), savings may be found by utilizing a [Pre-buy Contract for Heating Fuels](#) or a [Fuel Payment Budget Plan](#). Please note that these options provide potential monetary savings only, and do not reduce the amount of fuel used.

Notes

For more information about how prices can be affected by various factors, visit our [Deliverable Fuels Pricing](#) page. For information on how prices are collected, please see the **Notes** below as well as the EIA's [Explanatory Notes](#)  and [Frequently Asked Questions](#) for the SHOPP program.

[Why does my propane price differ from the average listed here?](#)

For additional information, please see the US Energy Information Administration's [Winter Heating Fuels](#) page.

1. Pricing information is presented in per-BTU ([British Thermal Unit](#)) format in order to give consumers an idea of the true cost of the fuel per unit of heat. This calculation [is based on conversion factors](#) provided by the US Energy Information Agency. A gallon of oil, when burned, will produce a different amount of heat than a ton of wood. The system efficiencies are addressed in note 7.
2. Price/Unit does not include the Customer Charge. This charge recovers costs the utility incurs in providing service to a customer – such as maintenance, reading your meter(s), maintaining account records, and managing a 24-hour customer service center. This is a fixed cost regardless of the amount of gas or electricity you use. Please also note that the [NH Public Utilities Commission](#) regulates electric and natural gas utilities.
3. Bulk wood pellets price are an average for 1-5 tons of **delivered** wood pellets; bagged pellets are an average price for one ton of pellets and does **not** include delivery. See the [New Hampshire Wood Pellet Prices](#) page for more information.
4. The price of firewood sold by the cord can vary widely depending on the location, time of year and quality of the wood being sold. The cost shown here is an average of unseasoned, log-length wood delivered, cut or split wood run about twice the price that is provided. Cordwood can be highly variable in moisture content, quality, species makeup, etc., correspondingly heat values and prices will vary. For information on using cordwood, see [Heating with Wood](#) from the UNH Cooperative Extension.
5. Motor fuel pricing is obtained from the [AAA Daily Fuel Gauge Report](#).
6. Electric vehicle pricing obtained from the US Department of Energy's [eGallon tool](#).
7. System efficiencies are from the [Penn State Cooperative Extension Engineering Department](#). These are an average efficiencies for each system type. Actual efficiencies will vary widely and consumers should refer to their system efficiencies to calculate their own per BTU fuel costs.

Forecasts

The Office of Strategic Initiatives does not project or estimate future energy prices. The US Energy Information Administration provides a number of [forecasts and analyses](#) of energy prices, including their monthly [Short Term Energy Outlook](#) and [Winter Fuels Outlook](#).

How do I compare heating fuel costs?

The Cost/Btu section of our fuel pricing tables above displays the cost per Btu of the most common fuels and heating systems used in New Hampshire. As the cost of fuels and electricity changes, the relative cost-effectiveness of these
