



NATURAL GAS AND YOU

Have you been on the fence about getting natural gas because you think it's too expensive? We're here to tell you it's a really affordable, clean, and comparable energy source. East Smoky Gas is a small, not-for-profit gas co-op that has been in operation since 1973. Our goal is to make heating our members homes and businesses as efficient and inexpensive as possible.

Below is a comparison, based on rates from July 2022, showing how the average home using 125 GJs of natural gas would compare to using the equivalent in litres for propane or heating oil. The savings speak for themselves, and, it's hassle free with no need to plan deliveries. It's literally always at your fingertips.

**Natural Gas, Propane and Heating Oil Comparison
July 2022**

Annual Consumption	GJs NG	Natural Gas Price/GJ	Litres of Propane	Propane Price/Litre	Litres of Oil	Oil Price/Litre
Jul-22		\$ 9.13		\$ 0.68		\$ 1.63
Furnace	80	\$ 730.40	3,120.00	\$ 2,121.60	2,080.00	\$ 3,390.40
Water Heater	25	\$ 228.25	975.00	\$ 663.00	650.00	\$ 1,059.50
Range	9	\$ 82.17	351.00	\$ 238.68	234.00	\$ 381.42
Dryer	8	\$ 73.04	312.00	\$ 212.16	208.00	\$ 339.04
Barbeque	3	\$ 27.39	117.00	\$ 79.56	78.00	\$ 127.14
Total	125	\$ 1,141.25	4,875.00	\$ 3,315.00	3,250.00	\$ 5,297.50

Based on the above volumes and prices, you would realize a payback on the gas installation cost to your property in a relatively short period of time. Even better, based on this model, you could have a potential savings of \$2,100 to \$ 4,100 per year by switching to natural gas!

Gas Installation rural @ \$7,500 (2022) - Approximately 3.5 year payback on propane, 2 year payback on oil
 Gas installation urban @ \$3,000 (2022) - Approximately 1.5 year payback on propane, 1 year payback on oil

~ Financing Available ~

What an investment opportunity!!

Visit our web page, Facebook page, or call us to get more information and an application form.



Turn the page to do your own conversion and see for yourself. It pays to belong!

Can you save using Natural Gas?

Do your own calculations and see!

Fuel Prices

Propane \$ _____ / litre plus \$ _____ / month tank rental
Heating Oil \$ _____ / litre plus \$ _____ / month tank rental
Natural Gas \$ _____ / GJ plus \$ 25.00 / month fixed (meter) charge

Conversions

1 litre = 0.22 gallons
1 gigajoule (GJ) = approximately 950,000 BTUs
1 litre propane = approximately 24,150 BTUs
1 litre heating oil = approximately 35,000 BTUs

Propane Users

- _____ litres burned / yr divided by 39 = _____ GJ of natural gas
- _____ litres burned / yr x _____ cents / litre = \$ _____ total cost of propane yearly
- Tank rental / month \$ _____ x 12 = \$ _____ total tank rental per year
- Fed Fuel Charge _____ L x 0.0774 cents / litre (2022) = \$ _____ total Fed Fuel Charge per year
- All 'total' lines 2, 3, & 4 = \$ _____ total yearly cost of propane**
- _____ GJ (from line 1 x \$ _____ (rate) = \$ _____ total cost of natural gas yearly
- Fixed (meter) charge / month \$ _____ x 12 = \$ _____ total fixed charge per year
- Fed Fuel Charge _____ GJ x 2.6289 / GJ (2022) = \$ _____ total Fed Fuel Charge per year
- Add 'total' lines 6, 7 & 8 = \$ _____ total year cost of natural gas**
- Fuel cost savings (line 5 minus line 9) = \$ _____ per year**

Heating Oil Users

- _____ litres burned / yr divided by 26 = _____ GJ of natural gas
- _____ litres burned / yr x _____ cents / litre = \$ _____ total cost of heating oil yearly
- Tank rental / month \$ _____ x 12 = \$ _____ total tank rental per year
- Fed Fuel Charge _____ L x 0.1341 cents / litre (2022) = \$ _____ total Fed Fuel Charge per year
- All 'total' lines 2, 3, & 4 = \$ _____ total yearly cost of heating oil**
- _____ GJ (from line 1 x \$ _____ (rate) = \$ _____ total cost of natural gas yearly
- Fixed (meter) charge / month \$ _____ x 12 = \$ _____ total fixed charge per year
- Fed Fuel Charge _____ GJ x 2.6289 / GJ (2022) = \$ _____ total Fed Fuel Charge per year
- Add 'total' lines 6, 7 & 8 = \$ _____ total year cost of natural gas**
- Fuel cost savings (line 5 minus line 9) = \$ _____ per year**

Other Services Available



Avoid landscape disturbance by getting us to directional drill for you. We can also make and install secondary lines. Contact us today!

