



## Uses for Natural Gas

Natural gas can be used in a variety of ways for homes and businesses. For instance, natural gas can be used for outdoor purposes, such as patio and pool heaters, grills and fire pits. Compressed Natural Gas (CNG) is used to fuel cars, trucks and fleet vehicles. There are also many benefits to using natural gas for heating systems, stoves, water heaters, clothes dryers, and other household appliances:

- Natural gas heats water twice as fast as a standard electric water heater.
- Using natural gas patio heaters can extend the outdoor season by providing heat year-round.
- Natural gas grills provide the opportunity to cook outdoors, which can help reduce cooling costs during the warm summer months. Plus, there's no need to refill tanks.
- Natural gas fireplace sets and inserts eliminate the messy wood and ash of a traditional fire pit or campfire.
- On average consumers can dry two loads of laundry in a natural gas dryer for the same amount of money it costs to dry just one load in an electric dryer.
- Natural gas provides precise, even, and efficient cooking temperatures and provides instant heat for cook tops, ovens, ranges, and grills.

Rocky Mount Energy Resources is committed to providing our customers with clean, reliable, and comfortable natural gas service.

Contact us for additional information about our natural gas service, rates and incentive program.

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[www.rockymountnc.gov/utilities](http://www.rockymountnc.gov/utilities)

*For quick access to natural gas information on the Rocky Mount Public Utilities website, scan this QR code using your smartphone.*



# Natural Gas Benefits



RMPU (5/2016)



Natural gas can be used for a wide variety of applications including space heating, water heating, laundry, cooking and fireplaces. With a high energy density, natural gas works harder and more efficiently with less waste. It's also the cleanest burning fossil fuel with 45% fewer carbon dioxide (CO<sub>2</sub>) emissions than electricity generated from coal and 30% fewer emissions than fuel oil.

In addition to the environmental benefits of low emissions and high energy efficiency, there are other benefits that make natural gas the comfortable, responsible choice.

### Domestically Produced

More than 80% of the natural gas used in the United States is domestically produced. Therefore, the natural gas industry not only reduces U.S. dependency on foreign oil produced in the more volatile regions of the world, but it also employs hundreds of thousands of Americans.

*The natural gas industry supports the employment of nearly three million Americans in all 50 states.*



### Reliable

Because natural gas is delivered via an underground distribution system, service is less vulnerable to storms and extreme weather conditions. Plus, there's no need for a storage tank that must be refilled because natural gas is always available through underground distribution. Customers can rest easy knowing they will have continuous hot water (with tankless water heaters), precise cooking temperatures and efficient heating. The infrastructure that delivers natural gas is already established, making natural gas ready to be used as fuel for homes and businesses.

### Efficient

Approximately 92% of the natural gas produced at the wellhead is delivered to customers as usable energy. Taking into account the full-fuel-cycle from production to the customer, homes using natural gas appliances use 32% less energy than similar homes using all electric appliances according to the American Gas Association (AGA).

### Reduced Carbon Footprint

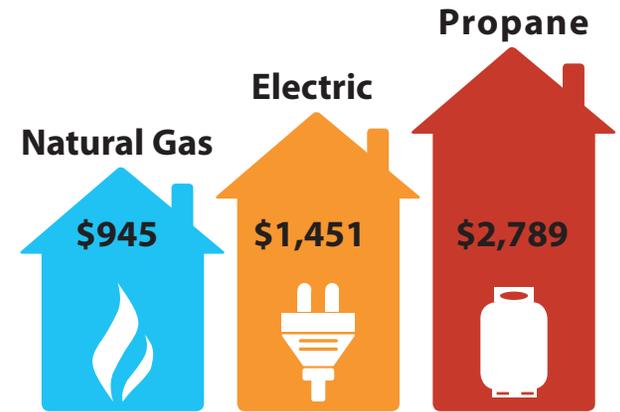
The home is the number one place where customers can begin to reduce their carbon footprint. For a home using natural gas appliances instead of electric, the carbon footprint is up to 46% smaller. Additionally, natural gas furnaces have a significantly lower carbon footprint than electric heat pumps, electric baseboard heat or electric furnaces.

### Affordable

Households that use natural gas appliances for heating, water heating, cooking and

*Natural gas radiant heat and fireplaces can improve air quality in a home by cutting down on dust and allergens.*

clothes drying spend less money than those using electricity or propane for the same applications. On average, homes using natural gas instead of electricity save \$506 per year, and homes using natural gas instead of propane save \$1,844 per year.



### Residential Annual Energy Costs<sup>1</sup>

<sup>1</sup>Total annual combined cost of home heating, water heating, clothes drying and cooking



*Use the Natural Gas Calculator to calculate the potential cost savings by switching from propane to natural gas.*

*To use the calculator, visit [www.rockymountnc.gov/utilities](http://www.rockymountnc.gov/utilities) or scan the QR code using your smartphone.*

