

## Fun Facts about Natural Gas

### **That's one cool fuel**

Although natural gas is generally considered a heating fuel, it also has some cooler applications — like chilling the glycol used to produce ice for hockey and skating rinks.

### **That's what the NFL means by "warm-up"**

Several NFL teams — including the Green Bay Packers, New England Patriots, Philadelphia Eagles and Washington Redskins — warm their playing fields using tubes heated with natural gas. It saves energy and keeps the turf warm enough to let grass grow throughout the winter.

### **The art of energy efficiency**

Many museums use natural gas-fueled equipment not only to keep the lights on, but also to help maintain the proper humidity for conservation of art, fabrics and historic papers.

### **Fly me to the moon and back...and back... and back...**

Did you know that if all the natural gas pipelines in the United States were placed end to end, they would stretch to and from the moon almost four times?

### **Keeping our nation warm**

Some of the nation's most critical buildings rely on natural gas as a heating source: Pentagon, the White House and the Capitol building.

### **Here's one for the birds**

The Philadelphia Zoo uses natural gas to cool a greenhouse that simulates Guam's tropical forest environment and creates a breeding facility for the rare Micronesian kingfisher — one of the most endangered species in the world.

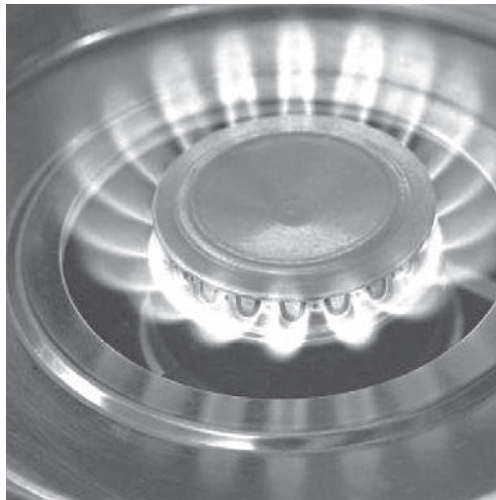
Two-thirds of Chicago's Brookfield Zoo's electricity is generated by natural gas and ensures the welfare of its many inhabitants.

### **There's more to natural gas than just its chemical composition**

Natural gas is one of the cleanest energy sources. It is colorless and odorless. Utility companies add the smell of rotten eggs to help make gas leaks easier to notice. When natural gas is cooled to minus 260 degrees Fahrenheit, it changes from a gas into a liquid.

### **A shallow effort with lots of Hart**

William Hart dug the first natural gas well in America along a creek outside Fredonia, NY in 1821. It was only about 27 feet deep — in sharp contrast to today's wells, which can run more than 30,000 feet deep — but still earned him recognition as the "father of natural gas" in America.



### **The paintings weren't so hot, but the lighting was spectacular**

The first natural gas utility was founded in Baltimore in 1816 by Rembrandt Peale, a painter. Peale became captivated by the energy source when

he used it to light an exhibit at his museum and gallery. By most accounts, the public was more enthused about Peale's gaslight than it was about his artwork.

### **A majestic mirage**

Every 15 seconds, from dusk to midnight, a volcano erupts in front of the MGM Mirage Hotel in Las Vegas, sending flames 100 feet into the air. It's fueled by piña colada-scented natural gas.

### **Safe, sound and underground**

Safety is the highest priority in the natural gas industry. An estimated \$7 billion is spent each year to ensure that natural gas is delivered safely and reliably.

Source: American Gas Association