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# NATURAL GAS TODAY



MIDDLE TENNESSEE  
NATURAL GAS  
UTILITY DISTRICT

Your Local *Natural Gas* Provider

[www.mtng.com](http://www.mtng.com)

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## Clearing the Air about Natural Gas Ranges

*Adapted from a February 2023 presentation entitled "Indoor Air Quality and Cooking with Natural Gas" by Frank Johnson, PhD, R&D Manager at GTI Energy*

The mission of Middle Tennessee Natural Gas Utility District is to support the growth of the communities we serve by providing safe, reliable, and competitive natural gas service. We take our mission, our stewardship of your safety and our planet very seriously. So, let's set the record straight about natural gas ranges and indoor air quality.

**Misinformation:** Electricity is more efficient than natural gas.

**REALITY:** Direct use of natural gas is two times more efficient than electricity, if you look at the whole energy picture and not just end-use appliance efficiency. Generating, transmitting, and distributing electricity results in a LOSS of approximately 70% of the energy vs. an approximate loss of only 8% to distribute natural gas to customers.

**Misinformation:** Scientific studies show natural gas ranges cause respiratory issues.

**REALITY:** The studies cited have flaws in their methods. More reliable studies conclude natural gas cooking has no link to increased respiratory issues. Flaws include unrealistic "kitchens" sealed in plastic with no air flow and instantaneous single readings erroneously compared to eight-hour-weighted average standards.

**Misinformation:** Natural gas ranges leak, even when they are not in use.

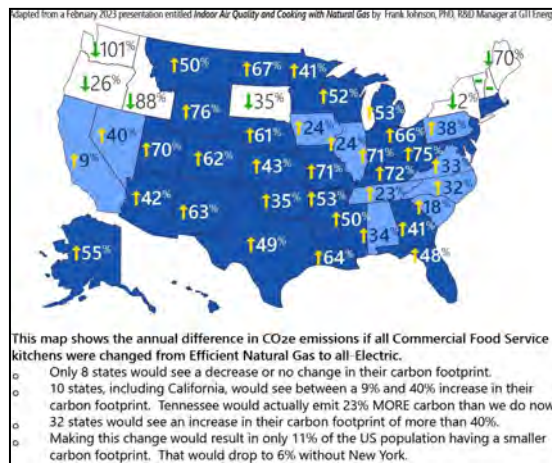
**REALITY:** Natural gas appliances are engineered for safety, efficiency, and 100% shut-off. Distribution companies like MTNG add an odorant to gas so customers detect leaks.

## FACTS:

The CPSC, EPA, and the Federal Interagency Committee on Indoor Air Quality do not identify natural gas cooking as an important issue concerning asthma or respiratory illnesses, nor have gas ranges been identified as significant contributors to adverse air quality or a health hazard.

Electric cooking is not more efficient and does not use less energy than natural gas.

Natural gas ranges are safe, offer more temperature control, instant on, instant off, better results, and the cook top can be used without electricity when needed.





## April is Safe Digging Month

MTNG's billing rates  
changed effective  
April 1, 2023.

Please visit  
[www.mtng.com/rate-sheets/](http://www.mtng.com/rate-sheets/)  
for current rates.

**Damage Prevention  
is a shared  
responsibility...**



**Know what's below.  
Call 811 before you dig.**

For more information:  dial 811 or [www.tn811.com](http://www.tn811.com)

- 1) Dial 811 or submit an e-ticket
- 2) Wait for the site to be marked  
(it may take up to 72 hours)
- 3) Respect the markings
- 4) Dig with care



# \$100 off

**IN-STOCK BROILMASTER GRILLS**  
MAY 1<sup>st</sup> - JUNE 15<sup>th</sup>



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Bledsoe Cannon Clay Coffee Cumberland DeKalb Fentress Franklin Grundy Hamilton Jackson Marion McMinn Meigs Overton Putnam Rhea Rutherford Smith Van Buren Warren White Wilson

## Protecting You & the Environment

MTNG's Annual Safety Survey is underway. Techs and Contractors will be in your area performing routine maintenance and inspections to ensure there are no potential safety issues or concerns with our pipelines.

This photo is an example of what you may see when the survey is conducted in your area, as we continuously work to maintain a safe and reliable natural gas system.

