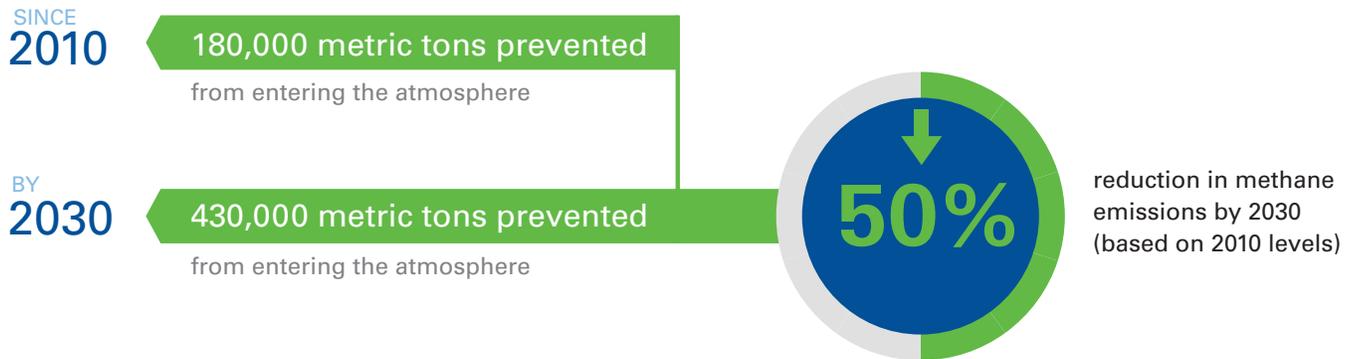


# Reducing Methane Emissions.

## Working Toward a Sustainable Future.



**EQUIVALENT TO**



**180 MILLION**  
new trees planted



**2.3 MILLION**  
cars off the road for a year

Dominion Energy is a national leader in clean energy and reducing greenhouse gas emissions. Over the last two decades we've dramatically lowered emissions across our electric and natural gas infrastructure fleets, and we've vastly expanded renewable energy across the country. Over the next decade, our goal is to go even further.

We are launching an historic, industry-leading initiative to reduce methane emissions from our natural gas infrastructure by 50 percent over the next decade. This initiative will prevent more than 430,000 metric tons of methane from entering the atmosphere, the equivalent of taking 2.3 million cars off the road for a year or planting nearly 180 million new trees.



Across every facet of our company, Dominion Energy is transforming the way we do business to build a more sustainable future for the planet, our customers, and our industry."

- **Diane Leopold**,  
President & CEO,  
Dominion Energy's Gas Infrastructure Group

## What is Methane?

Methane is the primary component of natural gas, which is used to heat 118 million American homes, generate one-third of the nation's electricity, and power manufacturing and other industries. Natural gas is transported to power plants, homes and businesses across the U.S. through our nation's 2.5 million-mile underground pipeline system.

## How are we reducing emissions by 50 percent?



### Reducing or eliminating venting during maintenance and inspection

Gas venting during planned maintenance and inspection is the largest source of methane emissions from our transmission and distribution pipeline system. To perform maintenance and inspection, natural gas sometimes has to be removed from the system, which was historically done by venting it into the atmosphere. Instead of venting methane, we're now capturing, recycling and reusing it so it stays in our system and out of the atmosphere.



### Replacing older equipment with new, lower-emission equipment

While gas venting is the largest source of methane emissions, there are other minor sources that can add up to larger volumes. We're reducing these sources by replacing older equipment with new low-emission equipment. A great example is our program to replace natural gas-powered pumps at our gas producing wells with solar-powered electric pumps, which reduces emissions at these facilities by more than 90 percent. We're also replacing other aging equipment across the system like bare-steel pipe, valves, fittings and joints.



### Expanding leak detection and repair programs across our entire system

Even after reducing emissions from gas venting and aging equipment, there is still more we can do to reduce minor emissions that are often the hardest to detect because they are odorless and cannot be seen or heard. We're using infrared cameras to find and repair even the smallest emissions across every part of our natural gas system – from production and storage to transmission and distribution.

## Dominion Energy is already a leader in methane reduction

SINCE

2010

We've substantially reduced methane emissions from our natural gas infrastructure, preventing more than 180,000 metric tons of methane from entering the atmosphere.

### EQUIVALENT TO



**75**  
**MILLION**  
new trees planted



**1**  
**MILLION**  
cars off the road for a year

Dominion Energy is a founding member or leading participant in several landmark methane reduction initiatives.



[DominionEnergy.com/methane-reduction](https://www.dominionenergy.com/methane-reduction)