

# OUR COMMITMENT TO MITIGATING METHANE EMISSIONS

Kinder Morgan has approximately **70,000 miles** of natural gas pipelines that transport about **40 percent** of the natural gas consumed in the United States. We are committed to providing natural gas to customers in a safe, reliable and **environmentally sound** manner. **Mitigating and avoiding methane emissions** is an important part of our business.

We have been focused on **mitigating and avoiding methane emissions** from our natural gas transportation and storage operations for more than 25 years.

WE HAVE ACHIEVED

**133**  
**BILLION CUBIC FEET**

OF METHANE EMISSIONS  
AVOIDED SINCE 1993.



## INDUSTRY LEADER

We have **voluntarily** been involved in numerous industry and agency initiatives to mitigate or avoid methane emissions, including:

- EPA's Natural Gas STAR Program
- EPA's Natural Gas STAR Methane Challenge Program
- Founding member of ONE Future
- Leadership roles in the INGAA GHG Task Force

Additionally, we are proud to participate in studies, including NY State's Emission Measurement Project and Cheniere Energy's QMRV GHG Project, which evaluate methane emission measurement technology and reductions.

## ACHIEVING RESULTS

Our efforts to mitigate or avoid methane emissions are extensive and go above and beyond regulatory requirements.

**ANNUAL LEAK SURVEYS:** We conduct leak detection surveys at our facilities using optical gas imaging technology. Sophisticated cameras safely and accurately detect gas leaks. If a leak is identified, we have procedures in place to track and repair it.



**PIPELINE PUMP-DOWNS:** If a maintenance-related blowdown is necessary, our goal is to reduce vented emissions using techniques such as **pipeline pump-downs**. Pump-downs lower gas pressure in a section of pipe, reducing or eliminating the amount of gas vented prior to maintenance or repair activities.

**COMPRESSION SLEEVES:** Utilizing compression sleeves is another technique that allows us to safely repair a small section of pipeline without venting gas.

## TARGETS

**0.03%** In 2021, we achieved a methane emission intensity rate of **0.03%** across our natural gas transmission and storage assets. We have surpassed our 2025 methane intensity target **every year since 2017**.

In 2021, we avoided approximately **6.6 billion cubic feet** of methane emissions. This is equivalent to the annual CO<sub>2</sub> emissions from approximately **400,000 homes**.

