



We are committed to reducing greenhouse gas (GHG) emissions by optimizing the efficiency of our operations, reducing venting and flaring of gas and eliminating equipment leaks.

Oct. 2021 Update: We have ended routine flaring in our U.S. onshore operations.

We use a range of methods to minimize GHG emission leaks. We adhere to applicable design standards, follow recognized best engineering practices and use equipment specifically designed to perform in severe service conditions.

Our preventive maintenance programs help to minimize leaks and preemptively identify potential issues to facilitate proactive upkeep, repair and replacement.

Across our sites, **leak detection and inspections are an ongoing** and frequent part of our employees' activities. We strive to repair leaks at the time they are detected. If that is not possible, the leak is repaired when the required resources become available and safe operating conditions can be assured.

OLFACTORY, VISUAL AND AUDIO INSPECTION



LISTEN for auditory cues that equipment is not operating correctly and may be leaking

OBSERVE site conditions and note changes in equipment and the site that could be related to or result in leaking equipment

IDENTIFY abnormal odors, which could indicate the presence of leaking natural gas, some components of which have a strong odor

Field employees are trained to perform **olfactory, visual and audio inspections** for possible leaks. As a part of our leak detection and repair program, we use optical gas imaging (OGI) cameras to examine all newly constructed facilities before the facilities come online. We also use OGI cameras to assess equipment and to inspect wellheads, compressor stations and buried pipeline routes near residential communities and public facilities.

KEY DATA

↓ **16%**

reduction in Scope 1 emissions since 2016.

↓ **27%**

reduction in flaring emissions since 2016.

↓ **41%**

reduction in venting emissions since 2016.

↓ **55%**

reduction in Scope 2 emissions since 2016.

Achieved

our goal to end routine flaring in U.S. onshore operations by the end of 2021.

We are also working to decrease operational process-related GHG emissions by **optimizing the efficiency of our operations**. This includes conducting reduced-emission completions, a process that captures gas produced during well completions and workovers. We are also addressing GHG emissions by reducing venting and flaring, and powering our equipment with electricity, when practicable.

We set metrics and targets to assess and drive our performance. We adopted a **global methane emissions intensity target** to emit 0.37% or less of gross methane production by 2025. While we met this goal in 2019, we proceeded to further drive down methane emissions intensity to 0.28% in 2020 and continue to pursue annual reductions. Through our membership of the American Petroleum Institute's Environmental Partnership, we have made three commitments toward reducing our methane emissions:

- implementing a **leak detection program** at all relevant sites within the next five years;
- replacing highbleed pneumatic controllers with **low- or zero-emitting devices** within the next five years; and
- implementing a **monitoring and emission reduction program** for liquids unloadings.

Last updated October 2021. Data is from the 2020 calendar year. Additional information and calculation methodologies are available at apacorp.com/sustainability