



Natural Gas STAR Methane Challenge Program

ONE Future Emissions Intensity Commitment Framework

Program Purpose

The Natural Gas STAR Methane Challenge Program ONE Future Emissions Intensity (ONE Future) Commitment is intended to drive action to achieve segment-specific methane intensity targets. These target rates are established through the ONE Future Coalition and represent emissions per volume produced or volume of throughput. Collectively, they are intended to add up to a 1% or less “leakage rate” along the natural gas value chain by 2025.

Program Scope, Commitments, and Timeframe

The ONE Future Commitment is available to companies that have joined the ONE Future Coalition, and through doing so established their sector-specific company-wide emissions intensity commitment. The development and calculation of company- and segment-specific emission intensity rates are the purview of ONE Future and can be found on their website: <http://www.onefuture.us/>. EPA encourages companies to complete commitments in a shorter timeframe when appropriate.

Program Reporting Requirements and Tracking

Program Partners report annually to EPA through the voluntary Methane Challenge module in EPA’s Electronic Greenhouse Gas Reporting Tool (e-GGRT). Data are collected at the facility-level, on a calendar year basis, for all facilities covered by a Partner’s commitment(s) (including facilities that report to Subpart W as well as below-threshold facilities that are not required to report to Subpart W).

Relevant data reported to the Greenhouse Gas Reporting Program (GHGRP) through the Petroleum and Natural Gas Systems (Subpart W) and General Stationary Fuel Combustion Sources (Subpart C) categories will contribute to an understanding of total methane emissions of ONE Future Commitment Partners. Partners also report supplemental data to comprehensively track progress towards their commitments, including data that highlight methane emission reductions achieved through voluntary action. The Methane Challenge Program utilizes the same source, segment, and facility definitions as Subpart W, to the extent applicable.¹ GHGRP or US Greenhouse Gas Inventory quantification methods must be used for both above- and below-threshold facilities², as described in the Methane Challenge ONE Future Technical Document.³ Data elements to be reported are at the facility level, except where specified, and are provided in the aforementioned Methane Challenge ONE Future Technical Document.

¹ The ONE Future Commitment allows an alternate facility definition for Natural Gas Transmission Compression & Underground Natural Gas Storage facilities that do not report to Subpart W, which can be reported at an aggregated level by each partner company. See the Methane Challenge ONE Future Technical Document for details.

² In very specific cases, ONE Future Commitment partners may use alternate quantification methods for facilities that do not report to GHGRP. See the Methane Challenge ONE Future Technical Document for details.

³ The Methane Challenge ONE Future Technical Document can be found on the Methane Challenge website at: <https://www.epa.gov/natural-gas-star-program/methane-challenge-program-technical-documents>.



Annually, Partners submit data using facility-specific Excel reporting forms downloaded directly from the Methane Challenge module in e-GGRT. For facilities that report to Subpart W and/or Subpart C, the reporting form will pre-populate with relevant Subpart W and/or Subpart C data.

Program reports are due annually each year (on a date to be specified by EPA, typically in the fall). Annually, EPA compiles the data collected and publicly releases (i.e., on the Program website) all non-confidential data submitted to the Methane Challenge Program,⁴ including relevant Subpart W and Subpart C data pre-populated from GHGRP reports.

Other aspects of the ONE Future Partnership (e.g., developing and announcing targets and calculating company emission intensities and program progress, etc.) are the purview of ONE Future.

The Methane Challenge Program website includes the following information for each Partner on a company-specific Partner Profile webpage:

- Implementation Plan and optional Historical Actions Fact Sheet ⁵
- Methane Challenge Dataset (including annual activity data, methane emissions, voluntary actions, and voluntary reductions)
- Total Methane Reductions (while a Methane Challenge Partner)
- The Partner's ONE Future-calculated annual emission intensity, if provided by the Partner

Process for Company Participation in the Methane Challenge Program: ONE Future Commitment

Key Steps	Action
Join Program	Partners sign Partnership Agreement with EPA, including the following: <ul style="list-style-type: none">• Segment(s)• Intensity target• Target year• Agreement to submit annual Methane Challenge Program data to EPA
Announce Commitments	EPA lists Partner name and commitment on Methane Challenge website
Implementation Plan	Partner submits to EPA within six (6) months of signing a Partnership Agreement and EPA posts on the Program website
Annual Reporting	Partner submits annual report via Methane Challenge module in e-GGRT
Annual Progress Tracking	EPA publishes company-specific activity, emissions, and voluntary reductions data for each Partner

⁴ All Methane Challenge supplemental data must be non-confidential.

⁵ Personal contact information for Partner company representatives will not be made public.



Continuous Improvement

EPA promotes continuous improvement in the Methane Challenge Program to address the greatest emission reduction opportunities. Partners are encouraged to accelerate their Program commitments at any time (e.g., by indicating earlier achievement of their target intensity rate, or by committing to an intensity rate that is more aggressive than their segment intensity goal).

Methane Challenge also encourages innovation. Through the Program's "Innovative Technologies, Practices, and Approaches" reporting mechanism, Partners can submit information on mitigation actions they are implementing that are not covered by existing Methane Challenge ONE Future commitment reporting. Methane Challenge will publish these data and may use them to inform future commitment options, which would be developed through the Program's "Continuous Improvement Process". This process may be initiated by EPA or a Partner company; to learn more see: <https://www.epa.gov/natural-gas-star-program/methane-challenge-continuous-improvement>.