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Greenhouse Gas Reporting Program (GHGRP)

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Learn About the Greenhouse Gas Reporting Program (GHGRP)

- What is the GHGRP?
- Scope of Emissions Covered in GHGRP
- Who is Required to Report?
- Reporting Methodology
- Where to Find Data
- Potential Reporters
- Discontinue Reporting

What is the GHGRP?

The GHGRP (codified at 40 CFR Part 98 ☑) requires reporting of greenhouse gas (GHG) data and other relevant information from large GHG emission sources, fuel and industrial gas suppliers, and CO_2 injection sites in the United States. This data can be used by businesses and others to track and compare facilities' greenhouse gas emissions, identify opportunities to cut pollution, minimize wasted energy, and save

money. States, cities, and other communities can use EPA's greenhouse gas data to find high-emitting facilities in their area, compare emissions between similar facilities, and develop common-sense climate policies.

Scope of Emissions Covered in GHGRP

The program includes reporting requirements for both direct emitters (facility-level) and upstream suppliers:

- Direct emissions reported under the program fall under Scope 1[1] and are reported at the individual facility level, although U.S. parent company information is also collected. Total reported emissions from these facilities are about 3 billion metric tons CO_2e, which accounts for about 50 percent of total U.S. GHG emissions.
- Suppliers report the amount of CO_2e that would be released if the products they produce, import, or export (e.g. fossil fuels) were released, combusted, or oxidized. These are reported at the corporate level and fall under Scope 3[1] emissions, Category 11 (Use of Sold Products, Direct use-phase emissions).

Data reported from both direct emitters and upstream suppliers combined cover 85-90 percent of US GHG emissions. A complete accounting of total U.S. GHG emissions is available through a separate EPA report, the U.S. Greenhouse Gas Inventory <https://epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks>. Learn about the differences between the GHGRP and the Inventory <https://epa.gov/ghgreporting/ghgrp-and-us-inventory-greenhouse-gas-emissions-and-sinks>.

The GHGRP reporting program does not include emissions from:

- Agriculture.
- Direct emissions sources that have annual emissions of less than 25,000 metric tons of CO_2e, unless the source is required to report regardless of their total annual emissions. For additional details, see Who is Required to Report
- Sinks of greenhouse gases.
- The reporting of data on electricity purchases or indirect emissions from energy consumption, which falls under Scope 2[1] emissions.

The program collects data at the facility level and does not include data from all emission sources in the U.S. Therefore, data collected under the GHGRP does not reflect all greenhouse gas emissions associated with any specific parent company. For more information on parent company level information, please visit the GHGRP FAQ ⬈ web page.

[1]The terms Scope 1, 2, and 3 emissions originate from the World Resources Institute Greenhouse Gas Protocol, a widely used greenhouse gas accounting standard. https://ghgprotocol.org/ ⬈ <https://ghgprotocol.org/>

Who is Required to Report?

A total of 41 categories <https://epa.gov/ghgreporting/resources-subpart-ghg-reporting> of reporters are covered by the GHGRP. Facilities and suppliers determine whether they are required to report based on the types of industrial operations, their emission levels, or other factors. Facilities and suppliers are generally required to submit annual reports under Part 98 if:

- GHG emissions from covered sources exceed 25,000 metric tons CO_2e per year.
- Supply of certain products would result in over 25,000 metric tons CO_2e of GHG emissions if those products were released, combusted, or oxidized.
- The facility receives 25,000 metric tons or more of CO_2 for underground injection.

For additional detail on source threshold requirements, please see FAQ: Who Reports? ⬈

Reporting Methodology

Facilities calculate emissions using methodologies <https://epa.gov/ghgreporting/ghgrp-methodology-and-verification> that are specified at 40 CFR Part 98 ⬈, and report data to EPA using the electronic Greenhouse Gas Reporting Tool (e-GGRT <https://ghgreporting.epa.gov/>). Annual reports covering emissions from the prior calendar year are due by March 31st of each year. Once data are submitted, EPA conducts a multi-step verification process <https://epa.gov/ghgreporting/ghgrp-methodology-and-verification> to ensure reported data are accurate, complete, and consistent.

Data collected under the GHGRP is made publicly available unless the data qualifies for confidential treatment under the Clean Air Act. For additional information, visit the confidential business information (CBI) <https://epa.gov/ghgreporting/confidential-business-information-ghg-reporting> webpage for more information.

Where to Find Data

The reported data are made available to the public in the fall of each year through several available tools, resources, and factsheets accessible via the Find and Use GHGRP Data <https://epa.gov/ghgreporting/find-and-use-ghgrp-data> web page.

Potential Reporters

If your business is or may be required to report GHG emissions to the GHGRP, visit the For GHG Reporters page <https://epa.gov/ghgreporting/ghg-reporters> for more information about reporting requirements, training, and the e-GGRT reporting system. Potential reporters may also visit our Help Center <https://epa.gov/ghgreporting/help-center-ghg-reporting> to review FAQs and assess applicability.

Discontinue Reporting

Requirements to discontinue reporting are outlined in 40 CFR Part 98.2(i) of the General Provisions. For additional information on requirements to discontinue reporting, please visit the GHGRP help web page, FAQs Addressing Notification to Discontinue ⧉ <https://ccdsupport.com/confluence/display/faq/notification+to+discontinue+faqs>

GHGRP Home <https://epa.gov/ghgreporting>

Find and Use GHGRP Data <https://epa.gov/ghgreporting/find-and-use-ghgrp-data>

National Data Highlights <https://epa.gov/ghgreporting/ghgrp-reported-data>

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Learn About GHGRP

Reporting Methodologies and Verification <https://epa.gov/ghgreporting/ghgrp-methodology-and-verification>

GHGRP and the Oil & Gas Industry <https://epa.gov/ghgreporting/ghgrp-and-oil-and-gas-industry>

GHGRP and the U.S. Inventory of GHG Emissions <https://epa.gov/ghgreporting/ghgrp-and-us-inventory-greenhouse-gas-emissions-and-sinks>

Help Center <https://epa.gov/ghgreporting/help-center-ghg-reporting>

Data Citation <https://epa.gov/ghgreporting/ghgrp-data-citation>

Contact Us <https://epa.gov/ghgreporting/forms/contact-us-about-ghg-reporting-0> to ask a question, provide feedback, or report a problem.

LAST UPDATED ON JUNE 20, 2023

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