Subpart D Unit Emissions and Missing Data Information

This section describes how to enter subpart D Electricity Generation unit emissions and missing data information. Note that unit emissions and missing data information should be entered for each unit at your facility. The process to edit an existing unit is identical.

Adding or Updating Unit Emissions and Missing Data Information

Starting on the Subpart D Overview page, find the unit for which you would like to enter unit emissions and missing data information in the SOURCE SUMMARY table and click the OPEN button on the right side of the page that corresponds to the unit that will be edited.

>> *Click this link to expand*

To enter unit emissions and missing data information for the selected unit, find the UNIT/STACK/PIPE EMISSIONS INFORMATION table and click the OPEN button on the right of the page. The unit emissions data entry screen will vary slightly depending on the Part 75 methodology selected for each unit.

Note that unit information for this unit can still be edited by clicking the "Edit the information for this Unit/Stack/Pipe" link above the UNIT/STACK/PIPE EMISSIONS INFORMATION table. Clicking this link will take the user back to the unit information data entry page discussed previously.

>> *Click this link to expand*

Subpart D Data Pre-populated from Clean Air Markets [Divi]sion Business System:

[Sta]rting with RY2017, EPA has attempted to pre-populate certain [Su]bpart D data elements in e-GGRT using data submitted under 40 [CFR] Part 75 Clean Air Markets Division (CAMD) business system. [Rep]orters are responsible for reviewing the prepopulated data and [con]firming that it is accurate and in compliance with the [req]uirements of Part 98 prior to certifying and submitting their [gre]enhouse gas emissions report. For More information, See the CA [MD Pre]-population Help Page

United States
Environmental Protection
Agency

e-GGRT
Electronic Greenhouse Gas
Reporting Tool

e-GGRT Help

Using e-GGRT for Subpart D reporting

Subpart C Aggregation

Subpart D: Electricity Generation (2017)

Subpart D Overview » CEMS » Unit/Stack/Pipe Emissions Information

ELECTRICITY GENERATING UNIT, STACK, OR PIPE EMISSIONS

Use this page to enter the annual greenhouse gas emissions information for this unit, stack, or pipe. For additional information about the data collected on this page, please use the e-GGRT Help link(s) provided.

Annual CO_2 emissions (short tons)

Annual CO_2 emissions (metric tons)

Total biogenic CO_2 mass emissions (metric tons)

CAMD UNIT/STACK/PIPE INFORMATION

Unit/Stack/Pipe ID	CEMS
Description	
Part 75 CO_2 Methdology	CEMS
Calculation Methodology Period	01/01/2017 - 12/31/2017

CAMD TOTAL ANNUAL CO_2 MASS EMISSIONS

Annual CO_2 emissions including biomass (report emissions exactly as reported under Part 75) _____ (short tons)

Annual CO_2 emissions including biomass _____ (metric tons)

Total biogenic CO_2 mass emissions _____ (metric tons)

CAMD MISSING DATA INFORMATION

Total number of source operating hours in the reporting year that CO_2 concentration was missing _____ (hours)

Total number of source operating hours in the reporting year that stack gas flow rate was missing _____ (hours)

Total number of source operating hours in the reporting year that moisture content was missing _____ (hours) **Note:** Required only if applicable.

CANCEL   SAVE

CAMD EPA has attempted to synchronize the information on this form with data already reported to EPA via the CAMD Business System (CBS).

For each unit, stack, or pipe at your facility, enter the following information in the appropriately identified reporting field using the text boxes, drop-down menus, and radio buttons.

For each unit, subpart D requires the facility to provide the following aggregated fuel emissions data:

- The total annual CO_2 emissions at the monitored location in short tons (as reported in part 75) [98.36(d)(1)(ii)]

- The total annual CO_2 emissions at the monitored location in metric tons (converted from the short ton value reported in part 75) [98.36(d)(1)(ii)]
- The total annual biogenic CO_2 emissions. This includes both CO_2 emissions from the combustion of biomass fuels and the biogenic portion of CO_2 emissions from fuels with a mixed biogenic and fossil component [98.36(d)(1)(ix)]

For each unit for which the facility selects "**CEMS**" as the Part 75 methodology used to determine CO_2 mass emissions, subpart D requires the facility to provide the following additional information [98.3(c)(8)]:

- The total number of operating hours during the year that CO_2 concentration was missing
- The total number of operating hours during the year that stack gas flow rate was missing
- The total number of operating hours during the year that moisture content was missing (only if a continuous moisture monitor was in use)

For each unit for which the facility selects "**Appendix G, Equation G-1**" as the Part 75 methodology used to determine CO_2 mass emissions, subpart D requires the facility to provide the following additional information [98.3(c)(8)]:

- The total number of operating hours during the year that fuel carbon content was missing

For each unit for which the facility selects "**Appendix G, Equation G-4**" as the Part 75 methodology used to determine CO_2 mass emissions, subpart D requires the facility to provide the following additional information [98.3(c)(8)]:

- The total number of operating hours during the year that fuel flow rate was missing
- The total number of operating hours during the year that high heating value was missing

For each unit for which the facility selects "**LME calculation methods in §75.19(c)(4)(iii)**" as the Part 75 methodology used to determine CO_2 mass emissions, no additional information is required.

When finished, click SAVE. Repeat the above procedure for each unit at your facility. Once you have entered the required unit emissions and missing data information for all units at your facility, you will have finished the required unit emissions and missing data information for your facility.

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See Also

Screen Errors
Using e-GGRT to Prepare Your Subpart D Report
Subpart D Unit Information
Subpart D Fuel Information
Subpart D Fuel Emissions and Heat Input Information
Subpart Validation Report