

# 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

**Facility 1**  
**Subpart D: Electricity Generation (2013)**  
**Subpart D Overview**

**OVERVIEW OF SUBPART D REPORTING REQUIREMENTS**  
Subpart D includes electricity generating units that are subject to the requirements of the Acid Rain Program and any other electricity generating units that are required to monitor and report to EPA CO<sub>2</sub> mass emissions year-round according to 40 CFR part 75. Electricity generating units that are not included in the definition of subpart D should be reported under subpart C. First, use this page to identify a unit, stack, or pipe and then enter the emission information required by subpart D for that unit, stack, or pipe.

For additional information about Subpart D reporting, please use the e-GGRT Help link(s) provided.

**SOURCE SUMMARY**

Unit/Stack/Pipe ID	Status <sup>1</sup>		Delete
Test 1	Incomplete	OPEN	✖
Unit 10	Complete	OPEN	✖

[Add a Unit, Stack, or Pipe](#)  
[Facility Overview](#)

<sup>1</sup> A status of "Incomplete" means that one or more required data elements are incomplete. For details, refer to the Data Completeness validation messages in your Validation Report by clicking the "View Validation" link above (Note: if there are no validation messages for this subpart you will not see this link).

**Subpart D: View Validation**

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**Facility 1**  
**Subpart D: Electricity Generation (2013)**  
**Subpart D Overview**

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Subpart D includes electricity generating units that are subject to the requirements of the Acid Rain Program and any other electricity generating units that are required to monitor and report to EPA CO<sub>2</sub> mass emissions year-round according to 40 CFR part 75. Electricity generating units that are not included in the definition of subpart D should be reported under subpart C. First, use this page to identify a unit, stack, or pipe and then enter the emission information required by subpart D for that unit, stack, or pipe.

For additional information about Subpart D reporting, please use the e-GGRT Help link(s) provided.

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Unit 10	Complete	OPEN	✖

[Add a Unit, Stack, or Pipe](#)  
[Facility Overview](#)

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**Subpart D: View Validation**

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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

**EPA** United States Environmental Protection Agency

**e-GGRT** Electronic Greenhouse Gas Reporting Tool

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**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<sub>2</sub> emissions (short tons)**

**Annual CO<sub>2</sub> emissions (metric tons)**

**Total biogenic CO<sub>2</sub> mass emissions (metric tons)**

**CAMD UNIT/STACK/PIPE INFORMATION**

Unit/Stack/Pipe ID	CEMS
Description	
Part 75 CO <sub>2</sub> Methodology	CEMS
Calculation Methodology Period	01/01/2017 - 12/31/2017

**CAMD TOTAL ANNUAL CO<sub>2</sub> MASS EMISSIONS**

Annual CO <sub>2</sub> emissions including biomass (report emissions exactly as reported under Part 75)	<input type="text"/>	(short tons)
Annual CO <sub>2</sub> emissions including biomass	<input type="text"/>	(metric tons)
Total biogenic CO <sub>2</sub> mass emissions	<input type="text"/>	(metric tons)

**CAMD MISSING DATA INFORMATION**

Total number of source operating hours in the reporting year that CO <sub>2</sub> concentration was missing	<input type="text"/>	(hours)
Total number of source operating hours in the reporting year that stack gas flow rate was missing	<input type="text"/>	(hours)
Total number of source operating hours in the reporting year that moisture content was missing	<input type="text"/>	(hours) <b>Note: Required only if applicable.</b>

**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).


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e-GGRT RY2017 R25-124-36438 | SPD-CarbyEmissions

Subpart D Data Pre-populated from Clean Air Markets Division Business System:

Starting with RY2017, EPA has attempted to pre-populate certain Subpart D data elements in e-GGRT using data submitted under 40 CFR Part 75 Clean Air Markets Division (CAMD) business system. Reporters are responsible for reviewing the prepopulated data and certifying that it is accurate and in compliance with the requirements of Part 98 prior to certifying and submitting their greenhouse gas emissions report. For More information, See the [CA Pre-population Help Page](#)


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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<sub>2</sub> emissions (short tons)  
Annual CO<sub>2</sub> emissions (metric tons)  
Total biogenic CO<sub>2</sub> mass emissions (metric tons)

**CAMD** UNIT/STACK/PIPE INFORMATION

Unit/Stack/Pipe ID	CEMS
Description	
Part 75 CO <sub>2</sub> Methodology	CEMS
Calculation Methodology Period	01/01/2017 - 12/31/2017

**CAMD** TOTAL ANNUAL CO<sub>2</sub> MASS EMISSIONS

Annual CO <sub>2</sub> emissions including biomass (report emissions exactly as reported under Part 75)	<input type="text"/>	(short tons)
Annual CO <sub>2</sub> emissions including biomass	<input type="text"/>	(metric tons)
Total biogenic CO <sub>2</sub> mass emissions	<input type="text"/>	(metric tons)

**CAMD** MISSING DATA INFORMATION

Total number of source operating hours in the reporting year that CO <sub>2</sub> concentration was missing	<input type="text"/>	(hours)
Total number of source operating hours in the reporting year that stack gas flow rate was missing	<input type="text"/>	(hours)
Total number of source operating hours in the reporting year that moisture content was missing	<input type="text"/>	(hours) <b>Note:</b> Required only if applicable.

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

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e-GGRT RY2017.R25-j124r35438 | SPD-ConfigEmissions

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<sub>2</sub> emissions at the monitored location in short tons (as reported in part 75) [98.36(d)(1)(ii)]

- The total annual CO<sub>2</sub> 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<sub>2</sub> emissions. This includes both CO<sub>2</sub> emissions from the combustion of biomass fuels and the biogenic portion of CO<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> 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.

[Back to Top](#)

## 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](#)