## **Subpart D Fuel Emissions and Heat Input Information**

This section describes how to enter subpart D Electricity Generation fuel emissions and heat input information for a specific unit. Note that fuel emissions and heat input information should be entered for all Table C-2 fuels combusted in each unit at your facility. The process to edit existing fuel emissions information is identical.

## Adding or Updating Fuel Emissions and Heat Input Information for Each Unit

Starting on the Subpart D Overview page, find the unit for which you would like to enter fuel emissions and heat input 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

HOME FACILITY REGISTRA	Ites Intel Protection TION FACILITY MANAGEMENT DATA REPORTING	E Hello C	E-GO Electronic Greenho Report	use Gas ling Tool	
c-GGRT Help     Juing e-GGRT for Subpart D     reporting	Facility 1 Subpart D: Electricity Generation (2013) Subpart D Overview OVERVIEW OF SUBPART D REPORTING REQUIREMENTS Subpart D includes electricity generating units that are required to monitor and report to EPA CO2 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.		Subpart D: Vie	w Validation	
	SOURCE SUMMARY Unit/Stack/Pipe ID Test 1 Add a Unit, Stack, or Pipe  Facility Overview  A status of "Incomplete" means that one or more required data elements are incomplete. For do messages in your Validation Report by clicking the "View Validation" link above (Note: if there are not see this link).	etails, ref e no valic	Status <sup>1</sup> Incomplete Complete	OPEN OPEN apleteness v. r this subpar	Delete
Paperwork Reduction Act Burden	Statement   Contact Us		e-GGRT RY2013	.R17   SPD	)-Overview



To enter fuel emissions and heat input data for a fuel, find the fuel type you would like to edit in the FUEL SPECIFIC  $CH_4$  AND  $N_2O$  EMISSIONS INFORMATION table and click the OPEN button on the right side of the page that corresponds to the fuel that will be edited.

>> Click this link to expand

CONTROL States Environmental Protection Agency						
HOME FACILITY REGISTRA	ATION FACILITY MANAGEMENT	DATA REPORTING	Electronic Greenhouse Gas Reporting Tool			
		Ħ	ello, Christopher Bruno   My Profile   Log			
e-GGRT Help	Subpart D: Electricit	Generation (2013)				
sing e-GGRT for Subpart D	Subpart D Overview » Unit 10 » D	istillate Fuel Oil No. 2 » Fuel-Specific CH4/N2O Emissions				
	USe this page to enter the annual CH4 and N2O emissions information for this fuel.					
	For additional information about the data collected on this page, please use the Annual CO2e for CH4 (metric tons)					
	e-GGRT Help link(s) provided.		7.2			
		Ar	nual CO2e for N2O (metric tons)			
	Unit/Stack/Pipe ID	nit 10				
	Description					
	Part 75 CO2 Methodology C	EMS				
	Calculation Methodology 0	1/01/2013 - 12/31/2013				
	Fuel D	istillate Fuel Oil No. 2				
	EQUATION C-10 SUMMARY AND RESULTS					
	CH <sub>4</sub> or N <sub>2</sub> O = 0.001 × (HI) <sub>A</sub> × EF					
		Hover over an element in the equation above to reveal a d	efinition of that element.			
	Annual heat inp	40000 (mmBtu)				
	Emission factor for C	H4 0.003 (kg CH4/mmBtu)				
	Emission factor for N					
	ANNUAL CH4 EMISSIONS					
	Note: This value is not a reporting req 98.36(d)(2)(iii)(H).	uirement, but is used to calculate $CO_{2e}$ which is a reporting requirement ur	nder 98.36(d)(1)(iii), 98.36(d)(2)(ii)(H), or			
	Annual CH4 emissions fro	0.12 (metric tons)				
	compustion of the specific	el				
	Use which CH4 resul	t?      Use the calculated result rounded				
		<ul> <li>Enter my own result (value will be rounded)</li> </ul>				
	ANNUAL N2O EMISSIONS					
	Note: This value is not a reporting requirement, but is used to calculate CO <sub>2e</sub> which is a reporting requirement under 98.36(d)(1)(iii), 98.36(d)(2)(ii)(H), or 98.36(d)(2)(iii)(H).					
	Annual N2O emissions fro combustion of the specifie	0.024 (metric tons)				
	Use which N <sub>2</sub> O resul	?      Use the calculated result rounded				
		$\odot$ Enter my own result (value will be rounded)				
	CO2 equivalent value f	or 3.0 (metric tons)				
	Annual CH4 emissio					
	CO2 equivalent value f Annual N2O emissio	7.2 (metric tons)				
	CANCEL					



Subpart D requires the entry of the total heat input for each fuel type listed in Table C-2 combusted in each unit (except as otherwise provided in 98.33(c) (4)(ii)(B)) in units of mmBtu. Enter this value in the data entry field provided in the EQUATION C-10 SUMMARY AND RESULTS section. [98.36(d)(1)(iv)]

e-GGRT will calculate  $CH_4$  and  $N_2O$  emissions from the total heat input entered using Equation C-10 and display the results under ANNUAL CH4 EMISSIONS and ANNUAL  $N_2O$  EMISSIONS, respectively. Note that these values are not reporting requirements but rather are used to calculate the  $CO_2e$ values of  $CH_4$  and  $N_2O$ , which are reporting requirements [98.36(d)(1)(iii), 98.36(d)(2)(ii)(H), 98.36(d)(2)(iii)(H)]

If your calculated  $CH_4$  and  $N_2O$  emissions do not agree with those calculated by e-GGRT, or, you calculated emissions for a blended fuel according to 98.33(c)(6)(ii), you can override the automatically calculated emissions values by selecting the "Enter my own result (value will be rounded)" radio buttons under ANNUAL CH4 EMISSIONS and ANNUAL N2O EMISSIONS. Enter the  $CH_4$  and  $N_2O$  values you calculated in the "Enter my own result" fields.

When finished, click SAVE. Repeat the above procedure for all Table C-2 fuels combusted at each unit at your facility. Once you have entered the required fuel emissions and heat input information for all Table C-2 fuels at all Subpart D units at your facility, you will have finished the required fuel emissions and heat input 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 Unit Emissions and Missing Data Information Subpart D Fuel Information Subpart Validation Report