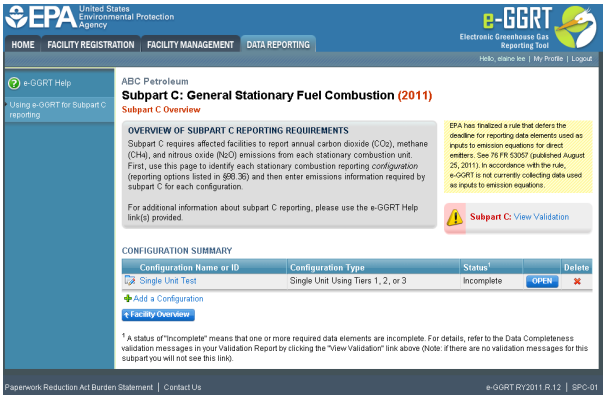
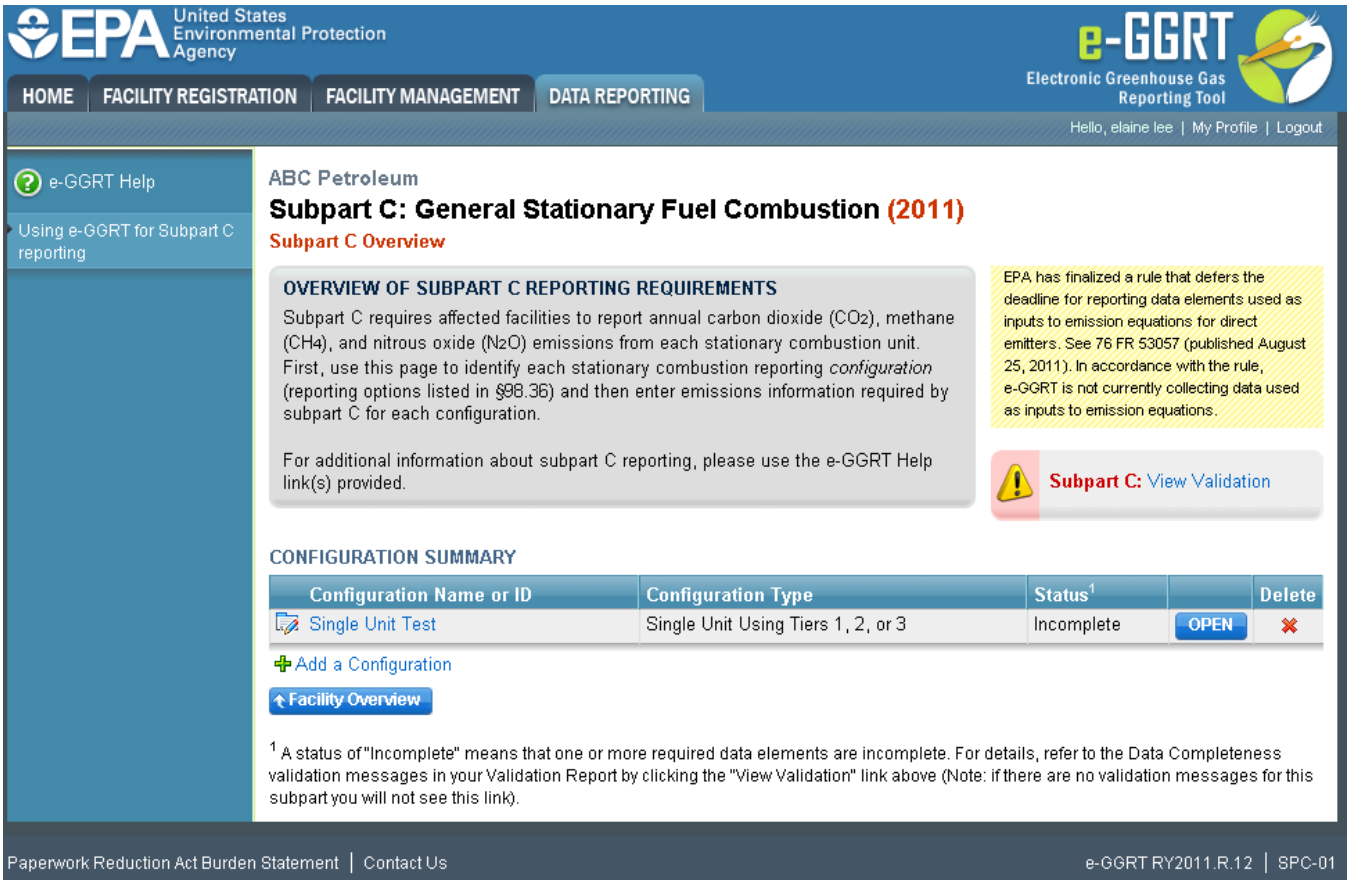
Subpart C Fuel Identification Information for All Reporting Years

The text below describes how to enter subpart C Stationary Fuel Combustion Sources fuel identification information for each configuration type. The process to edit fuel information for an existing configuration type is essentially similar.

>> *Click this link to expand*





Starting on the Subpart C Overview page, find the configuration type for which you would like to enter emissions information in the CONFIGURATION-LEVEL SUMMARY table and click on the OPEN button.

>> *Click this link to expand*

e-GGRT Help
Using e-GGRT for Subpart C reporting

ABC Petroleum

Subpart C: General Stationary Fuel Combustion (2011)

Subpart C Overview » Single Unit Using Tiers 1, 2, or 3 » Configuration Summary

CONFIGURATION SUMMARY

For each stationary combustion configuration that uses Tiers 1, 2, or 3, subpart C requires both the reporting of fuel-specific emissions information and the reporting of emissions information aggregated at the configuration-level.

While both Fuel-Specific and Configuration-Level emissions are required in all cases, there is no order requirement on which must be entered first. If using the optional calculation spreadsheets, it is recommended that the user enter Fuel-Specific Emissions Information first. Links to the spreadsheets are provided on each Fuel-Specific Emissions page

To be able to enter the Fuel-Specific Emissions pages, the user must first select the relevant fuel (one at a time), and then the corresponding CO2 calculation methodology. Once a fuel is added the user may open the page for a specific fuel type to enter the required fuel-specific emissions information.

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

CONFIGURATION INFORMATION

Configuration Type	Single Unit Using Tiers 1, 2, or 3
Unit Name/ID	Single Unit Test
Description	testing
Unit Type	PCWD (Pulverized coal, wall-fired, dry bottom)
Maximum Rated Heat Input Capacity	3500 (mmBtu/hr)

Edit this Configuration Information

CONFIGURATION-LEVEL EMISSIONS INFORMATION

Total Biogenic CO2 Emissions (metric tons)	Total CO2 Emissions from Sorbent Usage (metric tons)	Status[1]	
		Incomplete	OPEN

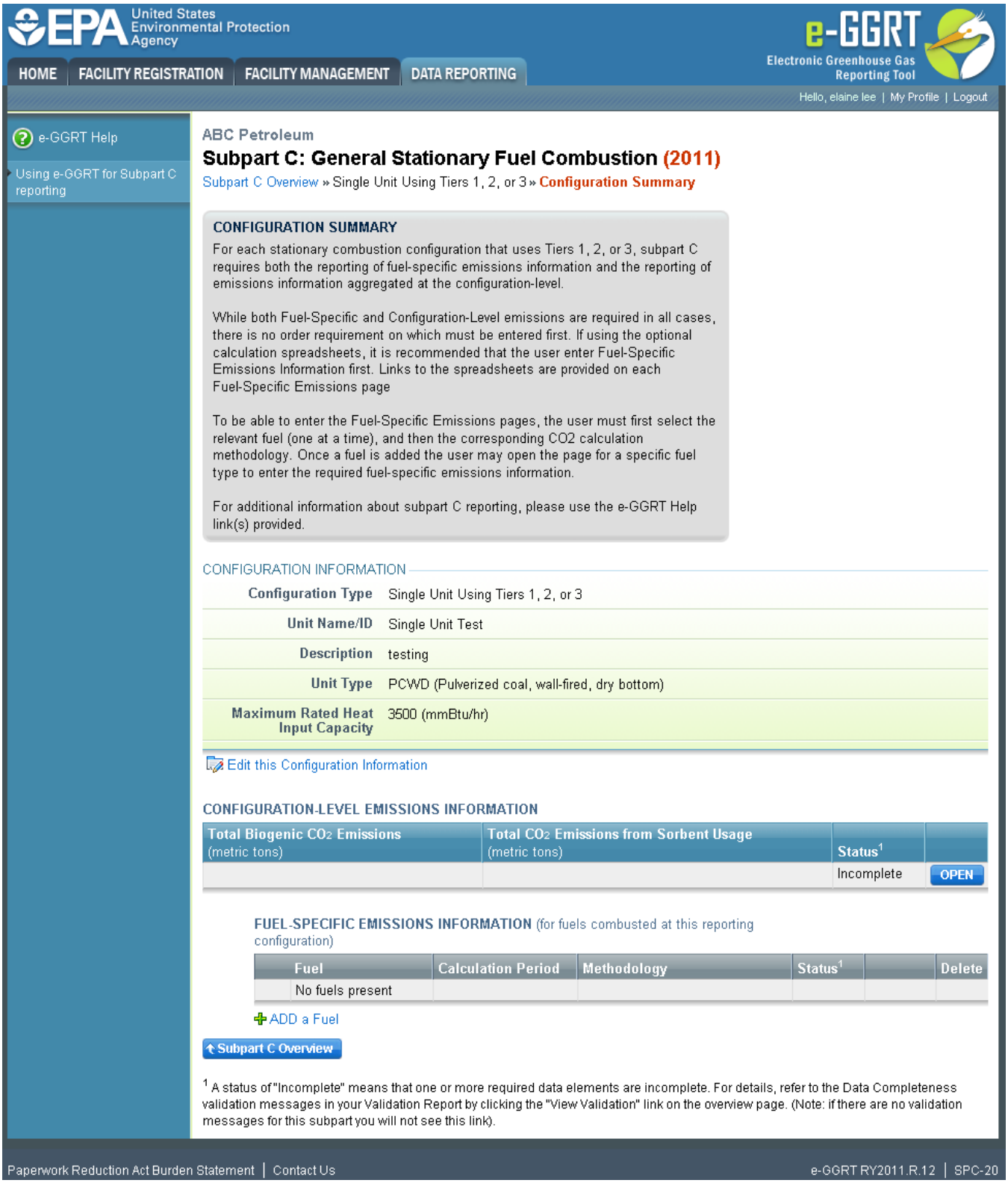
FUEL-SPECIFIC EMISSIONS INFORMATION (for fuels combusted at this reporting configuration)

Fuel	Calculation Period	Methodology	Status[1]		Delete
No fuels present					

ADD a Fuel

Subpart C Overview

[1] 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 on the overview page. (Note: If there are no validation messages for this subpart you will not see this link).



United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

HOME | FACILITY REGISTRATION | FACILITY MANAGEMENT | DATA REPORTING

Hello, elaine lee | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart C reporting

ABC Petroleum

Subpart C: General Stationary Fuel Combustion (2011)

Subpart C Overview » Single Unit Using Tiers 1, 2, or 3 » **Configuration Summary**

CONFIGURATION SUMMARY

For each stationary combustion configuration that uses Tiers 1, 2, or 3, subpart C requires both the reporting of fuel-specific emissions information and the reporting of emissions information aggregated at the configuration-level.

While both Fuel-Specific and Configuration-Level emissions are required in all cases, there is no order requirement on which must be entered first. If using the optional calculation spreadsheets, it is recommended that the user enter Fuel-Specific Emissions Information first. Links to the spreadsheets are provided on each Fuel-Specific Emissions page

To be able to enter the Fuel-Specific Emissions pages, the user must first select the relevant fuel (one at a time), and then the corresponding CO2 calculation methodology. Once a fuel is added the user may open the page for a specific fuel type to enter the required fuel-specific emissions information.

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

CONFIGURATION INFORMATION

Configuration Type	Single Unit Using Tiers 1, 2, or 3
Unit Name/ID	Single Unit Test
Description	testing
Unit Type	PCWD (Pulverized coal, wall-fired, dry bottom)
Maximum Rated Heat Input Capacity	3500 (mmBtu/hr)

Edit this Configuration Information

CONFIGURATION-LEVEL EMISSIONS INFORMATION

Total Biogenic CO_2 Emissions (metric tons)	Total CO_2 Emissions from Sorbent Usage (metric tons)	Status[1]	
		Incomplete	OPEN

FUEL-SPECIFIC EMISSIONS INFORMATION (for fuels combusted at this reporting configuration)

	Fuel	Calculation Period	Methodology	Status[1]		Delete
	No fuels present					

ADD a Fuel

Subpart C Overview

[1] 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 on the overview page. (Note: if there are no validation messages for this subpart you will not see this link).

Paperwork Reduction Act Burden Statement | Contact Us

e-GGRT RY2011.R.12 | SPC-20

To add a fuel type for this configuration, click the “ADD a Fuel” link below the FUEL EMISSIONS INFORMATION table.

>> *Click this link to expand*

e-GGRT Help

Using e-GGRT for Subpart C reporting

MLH Test Facility

Subpart C: General Stationary Fuel Combustion (2020)

Subpart C Overview » Boiler 1 » Add Fuel

ADD A FUEL

Subpart C requires the identification of all fuels combusted in each reporting configuration. Use this page to add a fuel combusted in this reporting configuration. Repeat this process for each type of fuel combusted at this configuration over the course of the reporting year.

If the fuel you wish to add is a single fuel, or a mixture that contains only fuel type(s) not listed in Table C-1, click "ADD an Other Fuel or Blend" to add a new "other" fuel type. If the fuel you wish to add is a mixture of fuel types listed in Table C-1, or a mixture of fuel type(s) listed in Table C-1 with fuel type(s) not listed in Table C-1, and you do not know the exact composition of the mixture, click "ADD an Other Fuel or Blend" to add a new "blend" fuel type.

If the calculation methodology for a given fuel type changed during the year, multiple entries should be made for the fuel type to represent the discrete calculation methodology periods. Different fuel types may use different calculation methodologies for a given configuration.

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

COAL AND COKE HIDE
- Bituminous
- Anthracite
- Mixed (Industrial sector)
- Subbituminous
- Lignite
- Coal Coke
- Mixed (Commercial sector)
- Mixed (Industrial coking)
- Mixed (Electric Power sector)

NATURAL GAS HIDE
- Natural Gas (Weighted U.S. Average)

BIOMASS FUELS - SOLID HIDE
- Agricultural Byproducts
- Peat
- Solid Byproducts
- Wood and Wood Residuals (dry basis)

BIOMASS FUELS - LIQUID HIDE
- Ethanol
- Biodiesel (100%)
- Rendered Animal Fat
- Vegetable Oil

BIOMASS FUELS - GASEOUS HIDE
- Other Biomass Gases
- Landfill Gas

OTHER FUELS - SOLID HIDE
- Plastics
- Municipal Solid Waste
- Tires

OTHER FUELS - GASEOUS HIDE
- Coke Oven Gas
- Fuel Gas
- Blast Furnace Gas

If a fuel is not found among those listed, you can add it to the other fuels and blends list below.

OTHER FUELS AND BLENDS HIDE

No other fuels or blends present.

ADD an Other Fuel or Blend

PETROLEUM PRODUCTS - SOLID HIDE
- Petroleum Coke

PETROLEUM PRODUCTS - LIQUID HIDE
- Butane
- Butylene
- Naphtha (<401 deg F)
- Natural Gasoline
- Other Oil (>401 deg F)
- Petrochemical Feedstocks
- Special Naphtha
- Unfinished Oils
- Heavy Gas Oils
- Lubricants
- Motor Gasoline
- Aviation Gasoline
- Kerosene-Type Jet Fuel
- Asphalt and Road Oil
- Crude Oil
- Used Oil
- Kerosene
- Pentanes Plus
- Residual Fuel Oil No. 6
- Residual Fuel Oil No. 5
- Distillate Fuel Oil No. 4
- Distillate Fuel Oil No. 2
- Isobutylene
- Isobutane
- Liquefied petroleum gases (LPG)
- Ethane
- Ethylene
- Propylene
- Propane
- Distillate Fuel Oil No. 1
- Ethanol (100%)

PETROLEUM PRODUCTS - GASEOUS HIDE
- Propane Gas

SAVE CANCEL

e-GGRT Help
Using e-GGRT for Subpart C reporting

MLH Test Facility

Subpart C: General Stationary Fuel Combustion (2020)

Subpart C Overview » Boiler 1 » Add Fuel

ADD A FUEL

Subpart C requires the identification of all fuels combusted in each reporting configuration. Use this page to add a fuel combusted in this reporting configuration. Repeat this process for each type of fuel combusted at this configuration over the course of the reporting year.

If the fuel you wish to add is a single fuel, or a mixture that contains only fuel type(s) not listed in Table C-1, click "ADD an Other Fuel or Blend" to add a new "other" fuel type. If the fuel you wish to add is a mixture of fuel types listed in Table C-1, or a mixture of fuel type(s) listed in Table C-1 with fuel type(s) not listed in Table C-1, and you do not know the exact composition of the mixture, click "ADD an Other Fuel or Blend" to add a new "blend" fuel type.

If the calculation methodology for a given fuel type changed during the year, multiple entries should be made for the fuel type to represent the discrete calculation methodology periods. Different fuel types may use different calculation methodologies for a given configuration.

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

COAL AND COKE — HIDE

- Bituminous
- Anthracite
- Mixed (Industrial sector)
- Subbituminous
- Lignite
- Coal Coke
- Mixed (Commercial sector)
- Mixed (Industrial coking)
- Mixed (Electric Power sector)

NATURAL GAS — HIDE

- Natural Gas (Weighted U.S. Average)

BIOMASS FUELS - SOLID — HIDE

- Agricultural Byproducts
- Peat
- Solid Byproducts
- Wood and Wood Residuals (dry basis)

BIOMASS FUELS - LIQUID — HIDE

- Ethanol
- Biodiesel (100%)
- Rendered Animal Fat
- Vegetable Oil

BIOMASS FUELS - GASEOUS — HIDE

- Other Biomass Gases
- Landfill Gas

OTHER FUELS - SOLID — HIDE

- Plastics
- Municipal Solid Waste
- Tires

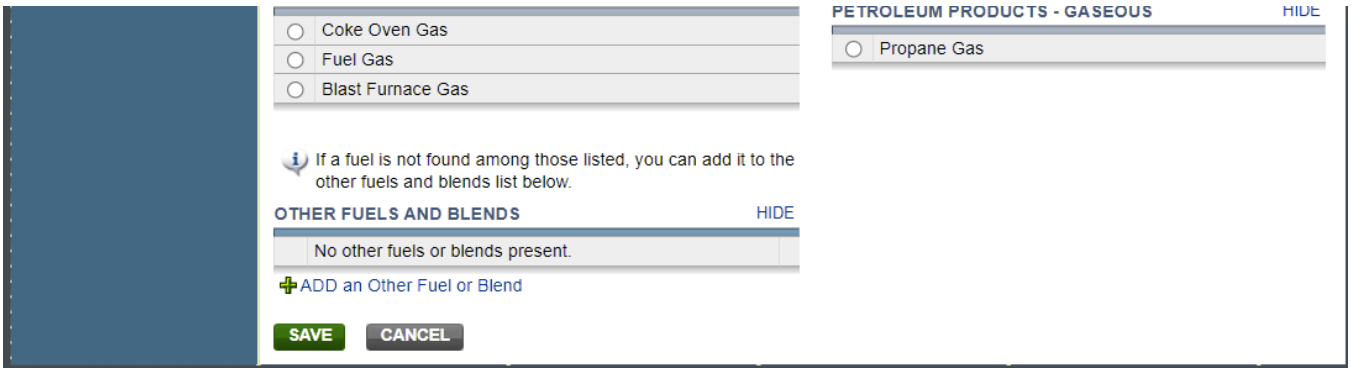
OTHER FUELS - GASEOUS — HIDE

PETROLEUM PRODUCTS - SOLID — HIDE

- Petroleum Coke

PETROLEUM PRODUCTS - LIQUID — HIDE

- Butane
- Butylene
- Naphtha (<401 deg F)
- Natural Gasoline
- Other Oil (>401 deg F)
- Petrochemical Feedstocks
- Special Naphtha
- Unfinished Oils
- Heavy Gas Oils
- Lubricants
- Motor Gasoline
- Aviation Gasoline
- Kerosene-Type Jet Fuel
- Asphalt and Road Oil
- Crude Oil
- Used Oil
- Kerosene
- Pentanes Plus
- Residual Fuel Oil No. 6
- Residual Fuel Oil No. 5
- Distillate Fuel Oil No. 4
- Distillate Fuel Oil No. 2
- Isobutylene
- Isobutane
- Liquefied petroleum gases (LPG)
- Ethane
- Ethylene
- Propylene
- Propane
- Distillate Fuel Oil No. 1
- Ethanol (100%)



For configurations of all types, subpart C requires you to identify the following for each configuration:

- The fuel types combusted during the reporting year [98.36(b)(4), 98.36(c)(1)(v), 98.36(c)(2)(iv), 98.36(c)(3)(iv), 98.36(d)(2)(ii)(A), and 98.36(d)(2)(iii)(A)]

If a configuration type is selected that uses Tiers 1, 2, or 3, you will be required to specify which equation is used to calculate CO_2 emissions. By identifying which equation is used to calculate emissions, e-GGRT is able to determine which data reporting elements are required for each fuel type. The reporter should refer to 98.33(b) to determine which Tier is required for each fuel type at the configuration.

For Configurations of **Type 1 (single unit using Tiers 1, 2, or 3), Type 3 (aggregation of units), and Type 4 (common pipe)**, subpart C requires you to identify the methods used to calculate emissions for each fuel type. Include the following information for each fuel type combusted in the unit:

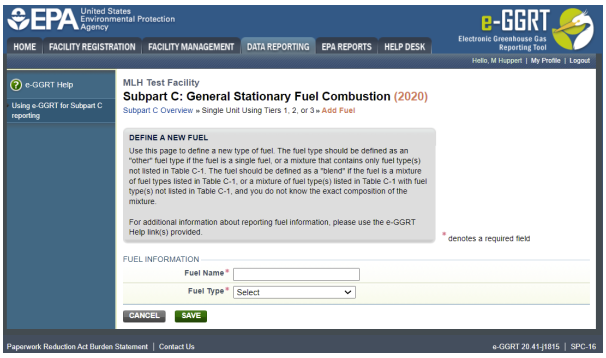
- Calculation methodology start date and end date, for each fuel type [98.36(b)(6)(ix), 98.36(c)(3)(viii) - (ix)]
- Calculation methodology used for the emissions calculation period specified, for each fuel type [98.36(b)(5), 98.36(c)(1)(vii), 98.36(c)(3)(v)]:
  - Tier 1/Equation C-1: Annual fuel combusted, default heating value, and default CO_2 emission factor
  - Tier 1/Equation C-1a: Annual natural gas usage from billing records (therms) and default CO_2 emission factor
  - Tier 1/Equation C-1b: Annual natural gas usage from billing records (mmBtu) and default CO_2 emission factor
  - Tier 2/Equation C-2a: Annual fuel combusted, measured heating value, and default CO_2 emission factor
  - Tier 2/Equation C-2c: Steam generation, ratio of maximum rated heat input capacity to design rated steam output capacity, and default CO_2 emission factor (for MSW and solid fuels listed in Table C-1)
  - Tier 3/Equation C-3: Annual mass of solid fuel combusted and average carbon content of the solid fuel
  - Tier 3/Equation C-4: Annual mass of liquid fuel combusted and average carbon content of the liquid fuel
  - Tier 3/Equation C-5: Annual volume of gaseous fuel combusted, average carbon content of the gaseous fuel, and average molecular weight of the gaseous fuel

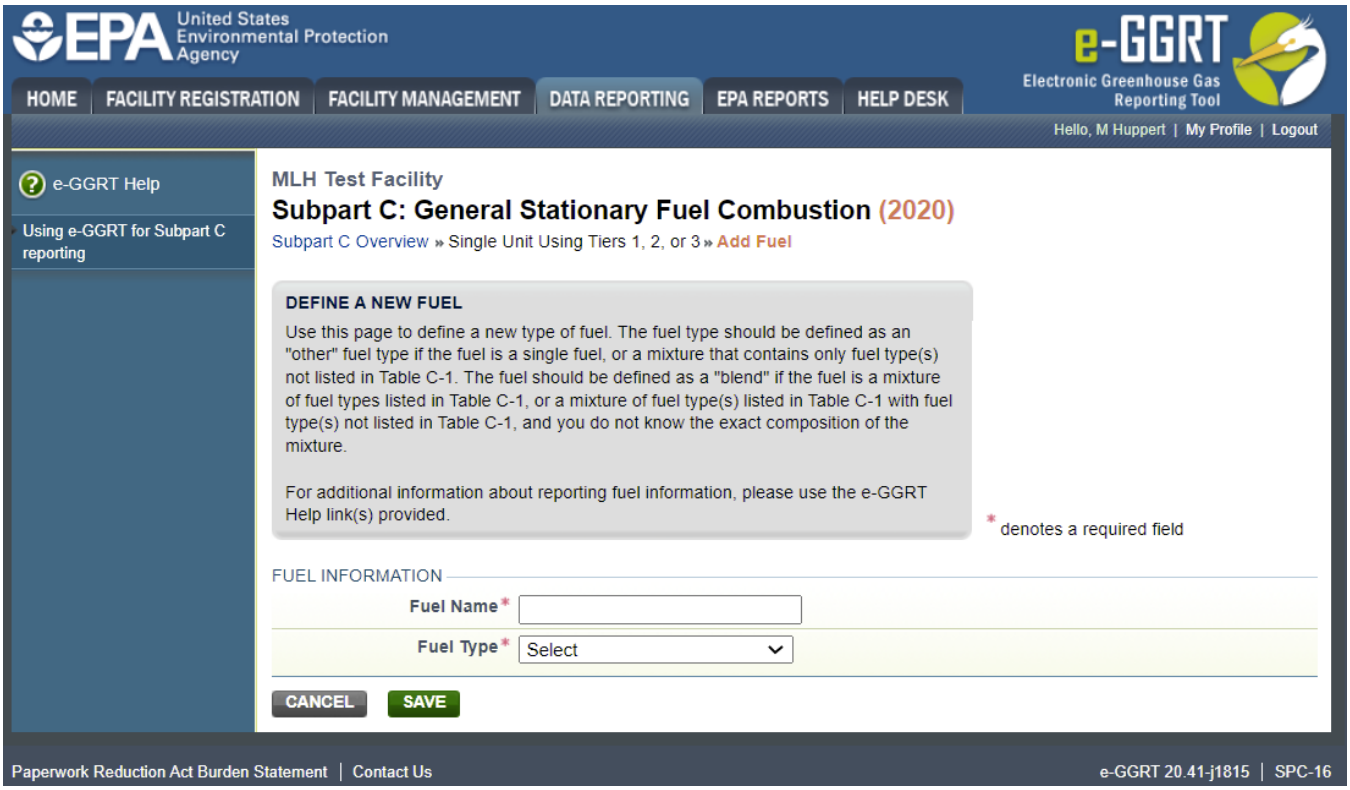
Use the radio buttons to select a fuel type for this unit or group.

When finished, click SAVE.

To add a fuel type that is not listed, click “ADD an Other Fuel or Blend.”

>> *Click this link to expand*





Use the text box and drop-down menu to enter the fuel name and fuel type.

When finished, click SAVE.

>> *Click this link to expand*

Use the text boxes and radio buttons to enter the required information.

When finished, click SAVE.

Back to Top

See Also

Screen Errors
Using e-GGRT to Prepare Your Subpart C Report for RY2014 and Later
Subpart C Configurations for RY2014 and Later
Subpart C Configuration-Level Emissions Information for RY2014 and Later
Subpart C Fuel Identification Information for All Reporting Years
Subpart C Fuel-Level Emissions Information for RY2014 and Later
Configuration types, emission details and their presentation in the summary report
Using Subpart C Calculation Spreadsheets
Subpart Validation Report