



California Regulation for the Mandatory Reporting of Greenhouse Gas Emissions

GHG Abbreviated Reporting


Regulatory Requirements, Registration, and Use of Cal e-GGRT System



Revised January 16, 2019
 Presentation slides available here: <https://ww2.arb.ca.gov/mrr-tool>


Outline

- ▣ Abbreviated reporting requirements
- ▣ New user registration and account creation in Cal e-GGRT reporting system
- ▣ Using Cal e-GGRT for abbreviated greenhouse gas reporting
- ▣ Key reporting dates and other resources
- ▣ Questions and Answers




Abbreviated Reporter Applicability

- ▣ Reportable greenhouse gas emissions must be less than 25,000 metric tons CO₂e (carbon dioxide equivalent) and greater than or equal to 10,000 MT CO₂e
- ▣ **AND**
 - ▣ Not a Fuel Supplier or Electric Power Entity
 - ▣ Not subject to cap-and-trade program (i.e., not an opt-in facility or due to historical emissions)
 - ▣ Not subject to U.S. EPA reporting for sectors included in CARB regulation
- ▣ See Section 95103(a) of regulation



Reporting Requirements

- ▣ Facility identification information
- ▣ Emissions data
- ▣ Fuel consumption
- ▣ Methods and data used for estimates (as applicable)
- ▣ Additional data for electricity generation and cogeneration (§95103(a)(6))



Abbreviated "Reportable Emissions"

- Must report all specified fossil fuel and biomass combustion CO₂, CH₄, and N₂O emissions
- Reportable emissions include stationary combustions emissions, as well as process emissions (e.g., from glass production, hydrogen production, iron & steel production, pulp & paper production, nitric acid production)



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What Makes Reporting "Abbreviated?"

- Abbreviated reporters may use less stringent emission estimation methods
 - Default emission factors, Tier 1
 - Most will use utility bills for fuel use data
- Not subject to measurement accuracy requirements of §95103(k) or unit aggregation in §95115(h)
- GHG monitoring plan not required
- Not subject to third party verification
- More time to report - Reports due June 1st* (vs. April 10th for full reporting)

** Note: If the reporting deadline falls on a weekend or holiday, the deadline is pushed back to the next business day. So for 2018 data reported in 2019, because June 1st is a Saturday, the report is due June 3, 2019.*



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Additional Info

- If future emissions exceed 25,000 metric tons
 - Full reporting and meter accuracy requirements apply for entire year
 - Verification required
- Cessation = emissions are less than 10,000 metric tons CO₂e for three consecutive years
 - May discontinue reporting after the three-year period
 - Must notify CARB to cease reporting [§95101(h)(2)(E)]
 - See §95101(h)(2) for details
- Shutdown
 - Must report zero emissions for 1 year
 - Notify CARB [§95101(i)(1)]
 - See §95101(i) for details



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How to Report

Reporting is performed using the California Electronic Greenhouse Gas Reporting Tool
Cal e-GGRT
 pronounced: Cal-Egret (like the bird)



What is Cal e-GGRT?

- Cal e-GGRT is used to report all data required by the GHG mandatory reporting regulation
- The tool contains modules for each sector required to report
- Cal e-GGRT calculates emissions based on entered fuel consumption values
- Multiple users can be associated with a single facility or entity

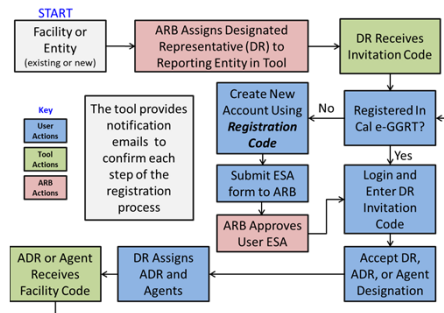


Registering in Cal e-GGRT

- Create Individual User Account
 - Applies to ALL users that do not have an account
 - Registration code needed
 - Initially, not associated with facility
- ARB Creates Facility Account
 - Cal e-GGRT sends Designated Representative (DR) Invitation Code to primary facility contact
 - Invitation Codes generated by the tool are used to associate users with facilities
- DR may add an Alternate DR and Agents to facility account



User Registration and DR Acceptance



User Registration: Login Page

<https://ww2.arb.ca.gov/index.php/mrr-tool>

The screenshot shows the Cal e-GGRT login page. Annotations include:

- Context sensitive help on every page:** Points to the 'Cal e-GGRT Help' link in the top left.
- If you have an account then log in here:** Points to the 'Cal e-GGRT LOGIN' section with fields for 'User Name' and 'Password', and a 'LOGIN' button.
- Otherwise, click the green NEW USER REGISTRATION button:** Points to the 'NEW USER REGISTRATION' button.

The page content includes a welcome message, a 'Forgot your User Name or Password?' link, and a 'New Cal e-GGRT Users Must Register' notice. A 'WARNING NOTICE' at the bottom states that the system is not for unauthorized use and that users must accept the terms of use.



User Registration: Account Setup

- Accept Cal e-GGRT Terms and Conditions
- Create User Profile

When filling out your profile: Use Registration Code
Please provide Registration Code to any ADRs or AGENTS you assign
Profile information will be used on the Certificate of Representation (if you are a DR or ADR) or Notice of Delegation (if you are an Agent)

User Registration: Electronic Signature and Use Agreement (ESA)

- Original ESA must be physically mailed to CARB**
 - Must sign and date form
- To speed processing
 - Email scanned copy to: ghgreport@arb.ca.gov
- ARB approves ESAs for all user accounts
- User cannot accept Designated Representative or other invitations until ESA approved
- Users do not have access to facility account until ESA approved

User Registration: Accept Designated Representative Invitation

Copy/Paste Invitation Code here

Subject: Cal e-GGRT: Accept appointment as Designated Representative for ARB Test Facility - TEST ONLY - Production Site (R#F# 347)

A Notice from California ARB's Electronic Greenhouse Gas Reporting Tool (Cal e-GGRT)

You have been appointed to be Designated Representative for ARB Test Facility - TEST ONLY - Production Site. You were appointed by Master User on Friday, February 17, 2012.

To accept this assignment, follow these steps:

- 1) Login to Cal e-GGRT at https://psi.arb.ca.gov/Cal_eGGRT/login.do. If you are not a Cal e-GGRT user you will need to create a user account. Click the NEW USER REGISTRATION button on the login page to begin.
- 2) On the homepage, find the "Accept an Invitation" panel, then copy and paste the following Invitation Code in the field provided:
Invitation Code: SCD131E1E1F04D8586A8B34AF5A2673A

User Registration: Adding ADR and Agents

- Facility Management tab
- Use CHANGE or Add Agent buttons

Initiate changes here for DR, ADR, & Agents

Facility Representatives		Certificate of Representation
Designated Representative	Patrick Gaffney	Agent (for this facility) for
Alternate Designated Representative	Karen Lutter	none appointed
		<input type="button" value="Add Agent"/> <input type="button" value="Remove selected"/>

User Registration: ADRs and Agents

ARB Test Facility - TEST ONLY - Production Site
Facility Summary • [Change DR](#)

CHANGE THE DESIGNATED REPRESENTATIVE

Choose the way in which you would like to change the existing Designated Representative (DR):

- Promote the Alternate Designated Representative (ADR)
- Promote the current ADR to be the new DR. (This is the preferred approach for changing a DR)
- Create a new DR. Create a new DR by entering his or her name, phone and email address.

ARB Test Facility - TEST ONLY - Production Site
Facility Summary • [Add an Agent](#)

ADD AN AGENT FOR THIS FACILITY

Create a new Agent Create a new Agent by entering their name, phone and email address. As a DR or ADR you may have one or more Agents at each facility or supplier. *denotes a required field

COMPLETE THE AGENT INVITATION
Enter the Agent's information in the form below and click the CONTINUE button. Cal e-GGRT will send the Agent an email invitation with instructions on how to login and accept the new role.

Once this person becomes an Agent, they will have access to all Cal e-GGRT data on this facility or supplier, which may include Confidential Business Information.

NEW AGENT

First Name *

Last Name *

Phone *

Email *


Re-enter Email *


ARB Test Facility - TEST ONLY - Production Site
Facility Summary • [Change ADR](#)

CHANGE THE ALTERNATE DESIGNATED REPRESENTATIVE

Choose the way in which you would like to change the existing Alternate Designated Representative (ADR):


- Remove the ADR. Remove the ADR without a replacement.
- Create a new ADR. Create a new ADR by entering their name, phone and email address. Only one ADR is allowed per facility.





Overview of Cal e-GGRT Operation

- Facility profile information
- Adding supports for reporting
- Entering emissions data
- Validation messages



Facility Profile Information

- Accessed via FACILITY MANAGEMENT tab
- Completed by DR during initial account acceptance

Facility Summary

Cal e-GGRT FACILITY SUMMARY

From this summary page, depending upon your role, you can make changes to the Facility Profile information, the DR's representatives, Designated Representative (DR) and Alternate Designated Representative (ADR), and to your Agents if you are a DR or ADR.

Pending: The Certificate of Representation has a pending change preventing further changes to the facility or supplier's representatives or profile. The new Designated Representative for Patrick Coffey must click the "Sign Certificate of Representation" link that appears on their Cal e-GGRT home page.

Certificate of Representation

Agent (of this facility) For DR

Facility Representatives	Designated Representative	Alternate Designated Representative
Patrick Coffey	none	

Facility Profile

Physical Address Patrick Training Facility #3
10011 Street Physical Address
Sacramento CA 95814

Mailing Address Patrick Training Facility #3
10011 Street Mailing Address
Sacramento CA 95814

Billing Address Patrick Training Facility #3

Responsible Party for Payment

Responsible Party Email

Responsible Party Phone

Latitude 38.0000


Longitude -121.480244

County SACRAMENTO

Air Basin SACRAMENTO VALLEY

District SACRAMENTO METROPOLITAN AQMD

Owners and Operators Patrick



Data Reporting

- Use DATA REPORTING tab to report emissions and other data

e-GGRT Greenhouse Gas Data Reporting

REPORTING FACILITIES


ARB ID	Facility or Supplier	Annual Report Status	Facility Overview
900099	ARB Test Facility - TEST ONLY - Production Site (Sacramento, CA)	Not generated	OPEN

FACILITIES NOT REPORTING IN 2011:

ARB ID, Facility or Supplier, Annual Report Status, Facility Overview


No facilities found.

OPEN Facility Overview to begin entering data



Subpart A General Information

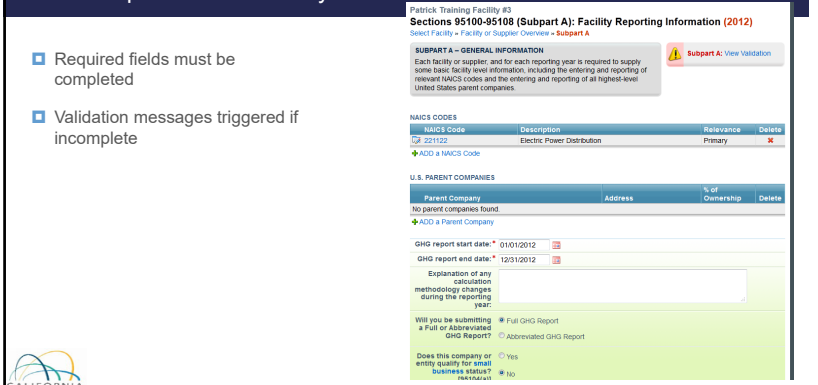

- ❑ All reporters complete Subpart A
- ❑ Some items in Subpart A not directly applicable to Abbreviated Reporters
- ❑ Complete Subpart A to clear all Validation Messages
- ❑ Cannot generate final report with pending validation messages



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Subpart A Data Entry

- ❑ Required fields must be completed
- ❑ Validation messages triggered if incomplete

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Subpart A Validation Messages

- ❑ All validation must be cleared before report generation allowed
- ❑ All reporters provide electricity and natural gas purchased

FACILITY-LEVEL VALIDATION MESSAGES			
Validation Type ¹	ID ²	Message ³	
Data Completeness	A624	You have not entered any natural gas purchases. At least one row must be entered into the Natural Gas Purchases section. If your facility did not purchase any natural gas, then select "Facility does not consume NG" as the natural gas provider name.	

CORPORATE PARENT VALIDATION MESSAGES			
Validation Type ¹	ID ²	Corporate Parent Name	Message ³
Data Completeness	A510		Please identify the Highest-Level United States parent company as of December 31 of the current reporting year. This data is required.

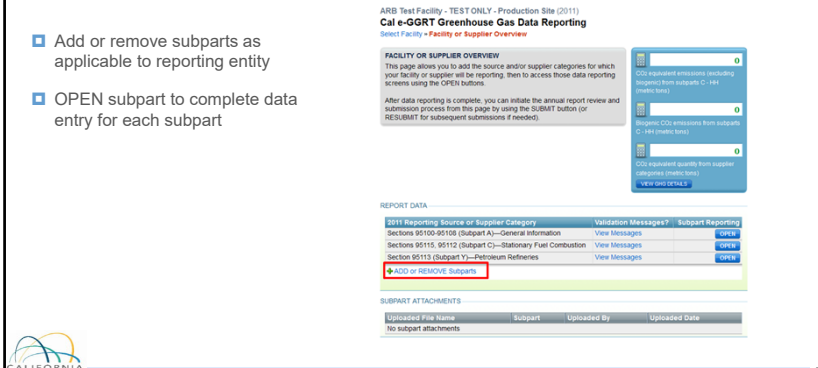

NAICS CODE VALIDATION MESSAGES			
Validation Type ¹	ID ²	NAICS Code	Message ³
No NAICS code validation messages found.			



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Reporting: Adding Subparts

- ❑ Add or remove subparts as applicable to reporting entity
- ❑ OPEN subpart to complete data entry for each subpart

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Reporting: Adding Subparts

- Select applicable subparts
- Most Abbreviated Reporters will only use Subparts A and C
 - "A" for general info
 - "C" for stationary combustion

The screenshot shows a list of subparts under the heading 'GENERAL STATIONARY FUEL COMBUSTION'. The subpart '95115, 95112 (Subpart C)—Stationary Fuel Combustion' is highlighted with a red box. Other subparts listed include 95112 (Subpart D)—Acid Rain Program EGU, 95110 (Subpart H)—Cement Production, 95116 (Subpart N)—Glass Production, 95114 (Subpart P)—Hydrogen Production, 95120 (Subpart Q)—Iron and Steel Production, 95117 (Subpart S)—Lime Manufacturing, 95118 (Subpart Y)—Nitric Acid Production, 95100-95107 (Subpart W)—Oil and Natural Gas Systems, 95113 (Subpart T)—Petroleum Refineries, and 95119 (Subpart AA)—Pulp and Paper Manufacturing.

Subpart C Reporting Stationary Fuel Combustion

The screenshot shows the title 'Subpart C Reporting Stationary Fuel Combustion' in a large, bold font. The Cal e-GGRT logo is visible in the top right corner.

Adding a Subpart C Configuration

Two Step Process

1. Configuration Setup
 - Created once for each configuration
 - Varies by configuration type
2. Fuel Use and Emissions per Configuration
 - Reported for each fuel type combusted in a given configuration
 - Data required varies by tier and fuel type

The screenshot shows the title 'Adding a Subpart C Configuration' in a large, bold font. The Cal e-GGRT logo is visible in the bottom left corner.


Reporting Stationary Combustion Emissions

- Add configurations to report units
- Then OPEN configurations and OPEN subordinate levels to report emissions and fuel data

The screenshot shows the 'Reporting Stationary Combustion Emissions' screen. It includes a 'Configuration Setup' section with fields for 'Configuration Name of ID', 'Configuration Type', and 'Status'. Below this is a 'Configuration of Configuration' section with fields for 'Unit Name ID', 'Description of the unit or unit configuration', 'Unit Type', 'Maximum Rated Heat', and 'Input Capacity'. There is also a 'Fuel Specific Emissions Information' section with a table for reporting emissions data.

Subpart C Configurations

- ❑ Subpart C offers 6 different reporting options, known as **Configurations** in Cal e-GGRT
- ❑ Reporting options provided in 40 CFR 98.36(b)-(c)
- ❑ Abbreviated reporters will typically use those in ***blue**
 - ❑ ***Single Unit Using Tiers 1, 2, or 3** [98.36(b)]
 - ❑ ***Aggregation of Units** [98.36(c)(1)]
 - ❑ ***Common Pipe** [98.36(c)(2)]
 - ❑ Single Unit Using Tier 4 (CEMS) [98.36(b)]
 - ❑ Common Stack or Duct (CEMS) [98.36(c)(3)]
 - ❑ Alternative Part 75 Reporters [98.36(d)(2)]



Adding a Configuration

- ❑ Select appropriate configuration
- ❑ Complete descriptive information that follows

ARB Test Facility - TEST ONLY - Production Site (2011)
95115, 95112 (Subpart C) - Stationary Fuel Combustion
[Subpart C Overview](#) - [New Configuration](#)

SUBPART C REPORTING CONFIGURATIONS

For stationary combustion sources required to report under subpart C, Cal e-GGRT requires a facility to identify which reporting option each unit or group of units will be using to report emissions. The different subpart C reporting options are referred to as configurations in Cal e-GGRT. The individual configurations are designed to match the reporting options made available by the rule in 40 CFR 98.36.


Once a configuration is added, Cal e-GGRT will allow the user to enter the required reporting elements for the configuration type selected. A facility may have multiple configuration types and/or multiple configurations of any given type.

For additional information about adding and editing a configuration and the different reporting configurations available, please use the Cal e-GGRT Help (Help) provided.

NOTE: You cannot change the Reporting Configuration Type for a unit or group after this is saved without starting over. This would entail losing any emissions data for the current reporting year, if entered.

Select	Reporting Configuration Type	Calculation Methodology	Rule Reference
<input type="radio"/>	Single Unit Using Tiers 1, 2, or 3	Tier 1, 2, or 3	98.36(b)
<input type="radio"/>	Single Unit Using Tier 4 (CEMS)	Tier 4	98.36(b)
<input type="radio"/>	Aggregation of Units	Tier 1, 2, or 3	98.36(c)(1)
<input type="radio"/>	Common Pipe	Tier 1, 2, or 3	98.36(c)(2)
<input type="radio"/>	Common Stack or Duct (CEMS)	Tier 4	98.36(c)(2)
<input type="radio"/>	Alternative Part 75 Reporters	98.33(a)(5)	98.36(d)(2)

CANCEL **NEXT**



Configuration Information for Single Unit

- ❑ Select appropriate configuration type
- ❑ Provide setup information shown
- ❑ Electricity generation units require additional info when "Yes" selected

CONFIGURATION INFORMATION

For stationary combustion sources required to report under subpart C, Cal e-GGRT requires a facility to identify which reporting option each unit or group of units will be using to report emissions. The different subpart C reporting options are referred to as configurations in Cal e-GGRT. The individual configurations are designed to match the reporting options made available by the rule in 40 CFR 98.36.

Once a configuration is added, Cal e-GGRT will allow the user to enter the required reporting elements for the configuration type selected. A facility may have multiple configuration types and/or multiple configurations of any given type.

For additional information about adding and editing a configuration and the different reporting configurations available, please use the Cal e-GGRT Help (Help) provided.

* denotes a required field

Configuration Type: Single Unit Using Tiers 1, 2, or 3

Unit NameID* PG Test Unit (40 characters maximum)

Description of the Unit or Unit Aggregation

Unit Type* CI (Incrinerator, commercial and industrial)

Maximum Rated Heat* Input Capacity 12


Unit of Measure* mmsBtu/hr

ELECTRICITY GENERATING UNITS

Does this Configuration have the capacity to generate electricity? Yes #No


CANCEL **SAVE**

CAL e-GGRT 9/20/11 10:10 | 9/20/11



Entering Fuel and Emissions Data

- ❑ Open Unit Configuration
 - ❑ Click on "ADD a Fuel"
 - ❑ Select a fuel
 - ❑ Select a Tier
 - ❑ *Most abbreviated reporters will use Tier 1*
 - ❑ Add additional fuels as applicable
- ❑ Open Fuel Information
 - ❑ Select calculation method
 - ❑ Enter fuel use data
 - ❑ Enter HHV and other data as applicable (Tiers 2 or 3)
 - ❑ Tool calculates emissions based on fuel use entered



Add a Fuel

- Click on button to add fuels for configuration
- Also, complete CONFIGURATION-LEVEL data

¹ A status of 'Incomplete' means that one or more required data elements are incomplete. For details, refer to the Data Completeness

Entering Fuel Information

- Open fuel ①
- Enter required data ②

Check Results

- Emissions calculated by tool using fuel and EFs
- Confirm entered or calculated results
- Can be overridden, but generally not needed

Biogenic Emissions

- Beginning in 2018, Cal e-GGRT calculates biogenic CO₂ based on fuels selected and biogenic fraction entered for mixed fuels, such as tires and MSW

Uploading Supporting Data

- If using Tier 2 or Tier 3 methods:
 - Generally not for abbreviated reporters
 - CARB requires reporting of additional information
 - Complete and upload required spreadsheets available in tool

CONFIGURATION-FUEL-PERIOD

Unit or Group Name/ID	PG Single Unit
Configuration Type	Single Unit Using Tiers 1, 2, or 3
Fuel (Fuel Type)	Natural Gas (Weighted U.S. Average) (Natural Gas)
Reporting Period	01/01/2011 - 12/31/2011

FUEL INPUT DATA FOR EQUATIONS C-2A AND C-2B

Mass or Volume of Fuel Combusted Per Year (scf)

Annual Average High Heat Value (HHV) (mmBtu/scf)

Calculated Result from Equation C-2b Use Equation C-2b spreadsheet to calculate the Annual Average HHV

Please click the [Equation C-2b \(HHV\) Calculation Spreadsheet](#) link to download the Equation c-2b spreadsheet. Then attach the completed Equation C-2b calculation spreadsheet below.

Uploaded File Name	Attached By	Date	Delete
No files found.			

Data Validation and Report Submittal

Data Validation

- Tool provides data validation
- Most messages must be cleared before report submittal
- Clicking on message brings you to where the issue occurred

ARB Test Facility - TEST ONLY - Production Site (2011)
95115, 95112 (Subpart C) - Stationary Fuel Combustion
[Subpart Overview](#) - [Validation Report](#)

SUBPART C VALIDATION REPORT
 This report contains a complete set of validation messages for all data required by this Subpart. For additional information about Validation Reports, please use the Cal e-GGRT help links provided. [Print-friendly version](#)

FACILITY-LEVEL VALIDATION MESSAGES

Validation Type ¹	Count	Message ²
No facility-level validation messages.		

CONFIGURATION-LEVEL VALIDATION MESSAGES

Validation Type ¹	Count	Unit or Group Name	Message ²
Data Completeness	C125	PG Single Unit	Annual carbon dioxide emissions from combustion of all biomass fuels (combined of any of the units burn fossil AND biomass). This data element is required.
Data Completeness	C128	PG Single Unit	Annual carbon dioxide emissions from sorbent. This data element is required.

FUEL-LEVEL VALIDATION MESSAGES

Validation Type ¹	Count	Unit Name	Message ²
Data Completeness	C146	PG Single Unit	Annual carbon dioxide emissions from combustion of the specified fuel. This data element is required.

[Subpart Overview](#)

¹ Validation Types: Cal e-GGRT generates a variety of validation types, defined below:
 • Data Completeness: Data required for reporting is missing or incomplete.
 • Data Quality: Data is outside of the range of expected values. The value you have provided is outside the ARB established range for this data element. Please double check this value and revise, if necessary. If you believe it to be correct, please contact the value as is.
 • Screen Error: A data value or combination of data values prevents Cal e-GGRT from continuing to the next page. Typically, this will not appear on the Validation Report, but messages will be displayed on the data entry page at the time the error was created.

Emission Roll-ups

- Cal e-GGRT calculates emissions totals for each subpart and aggregates subpart totals into facility or supplier totals
- Annual emissions calculated from each applicable subpart, for each of the following GHGs (in metric tons of each gas)
 - CO₂ (excluding biogenic CO₂)
 - Biogenic CO₂
 - CH₄ (and CH₄ converted to CO₂e)
 - N₂O (and N₂O converted to CO₂e)
- The subpart totals are rolled-up into the following facility totals:
 - Total CO₂e for all sources and all GHGs (includes N₂O and CH₄) except of biogenic CO₂
 - Biogenic CO₂ from all sources
 - Emissions for fuel supplier categories
 - Emissions for Electric Power Entities

11,621

CO₂ equivalent emissions (excluding biogenic) from subparts C - AA (metric tons)

0

Exempt Biogenic CO₂ emissions from subparts C - AA (metric tons)

0

CO₂ equivalent quantity from supplier categories, including biogenic (metric tons)

0


CO₂ equivalent emissions from electric power entities (metric tons)

[VIEW GHG DETAILS](#)

The totals shown above do not include the de minimis emissions entered in subpart A.

Emissions Checks Before Submitting Reports

- ▣ Reality-check data
- ▣ Review overall magnitude of emissions
 - ▣ Do totals look okay?
- ▣ Make sure fuel units (mmBtu, Therms, scf, etc.) are correct for method selected
- ▣ Generate full report and check inputs and other data



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Generating Report

- ▣ After ALL critical validation messages are cleared, GENERATE/SUBMIT button activates
- ▣ Generate report and review inputs and data


SUBPART ATTACHMENTS

Uploaded File Name	Subpart	Uploaded By	Uploaded Date
Copy of De Minimis Emissions.xls	A	Katrina Luther	October 2, 2012
Equation C-2b (CC) Calculation Spreadsheet.xls	C	Katrina Luther	December 26, 2012

SUBMIT ANNUAL REPORT

If all subparts are completed and Validation Messages addressed to your satisfaction, you are ready to prepare and submit an Annual Report.

Report	Uploaded File Name	Status	Submitted Date	Certification Date	
2011 Annual Report v1		Ready for review			GENERATE / SUBMIT



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Submit/Certify Report

- ▣ After all checks complete, SUBMIT/CERTIFY the report
- ▣ This **LOCKS** the report and it can no longer be edited

GENERATE REPORT

Generating the report may take from 1 to 10 minutes depending upon the volume of data.

Once your facility has generated a report, it is still possible to return to the data reporting screens to make changes. Those changes, however, will not be reflected in your Annual Report until you generate it again.

[GENERATE REPORT](#)

⚠ The Annual Report has already been prepared. Clicking this button will regenerate the report. This action will reflect any changes that have been made to the reported data.

REVIEW REPORT

Prior to the submission and certification of your report to ARB, you may review it by using the VIEW REPORT, VIEW EXCEL or VIEW XML buttons.

[VIEW REPORT](#) [VIEW EXCEL](#) [VIEW XML](#) [DOWNLOAD XML](#)


SUBMIT AND CERTIFY REPORT

If you have reviewed and are satisfied with your Annual Report you may proceed to submit and certify. The certification process includes applying your electronic signature (entering your password and answering a challenge question).

[SUBMIT/CERTIFY](#)

⚠ After clicking the SUBMIT/CERTIFY button, and completing the certification process, your report is locked and submitted to ARB via Cal e-GORT. You will not be able to generate a new report until the certified report status has been set to Revisions Requested by a verifier or ARB staff.


[BACK](#)



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Report Completion

- ▣ Once the report is submitted, Cal e-GORT will send a confirmation email to the DR and others on the account
- ▣ Report submittal **locks** the report so data cannot be edited without CARB intervention
- ▣ Generated reports remain accessible in system
- ▣ Recommend printing and archiving generated report and any associated data




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Additional Info




Helpful Websites

- Email reporting questions to: ghgreport@arb.ca.gov
- Reporting Guidance: Applicability, Metering
<https://ww2.arb.ca.gov/mrr-guidance>
- Cal e-GGRT Tool Training: Registration, Subparts
<https://ww2.arb.ca.gov/mrr-tool>
- Cal e-GGRT Main Help Page
<http://www.ccdsupport.com/confluence/display/calhelp/Home>



Some Emissions Terminology


- Total CO₂ emissions
 - Measured or calculated value of CO₂ that includes both biogenic and non-biogenic emissions
- Fossil fuel CO₂ emissions
 - CO₂ emissions from fossil fuels
 - Fossil fuel portion of CO₂ from fuels with a fossil and biomass component (i.e. MSW and tires)
- Biogenic CO₂ emissions
 - CO₂ emissions from biomass fuels (wood, biogas, etc.)
 - Biogenic portion of CO₂ from fuels with a fossil and biomass component (e.g., municipal solid waste and tires)
- Non-Biogenic CO₂ emissions
 - CO₂ emissions from fossil fuels
 - Any N₂O or CH₄ combustion emissions
 - Sorbent CO₂
 - Process CO₂
 - Fossil fuel fraction of CO₂ from fuels with a fossil and biomass component (e.g., municipal solid waste and tires)



Key Reporting Dates

Date	Activity
January	Cal e-GGRT activated for the reporting year
February 1	Registration deadline for electric power entities (EPE) to register specified source facilities and units.
April 10	Reporting deadline for facilities and suppliers of fuels and carbon dioxide, except when subject to abbreviated reporting
June 1*	Regulatory deadline: Reporting deadline for electric power entities and entities subject to abbreviated reporting
July 15	Deadline for corrections to RPS Adjustment data required for electric power entity data reports
August 10*	Final verification statements due (emissions data and product data)

*If a date listed above falls on a Saturday, Sunday, or holiday, the due date is modified to the first business day after the listed date. For reporting of 2018 data in 2019, this means that the reporting deadline for EPEs and abbreviated reporters will be June 3rd, and the verification deadline will be August 12th.



GHG Reporting Contacts

Subject Matter	Contact
GHG Mandatory Reporting (General)	Svd Partridge , Manager 916.445.4292
Reporting Tool Registration and General Questions	Karen Lutter 916.322.8620
Electricity Retail Providers and Electricity Marketers	Wade McCartney 916.327.0822
Fuel and CO ₂ Suppliers - Transportation Fuels, Natural Gas, LPG, CO ₂	Smadar Levy 916.324.0230
Greenhouse Gas Report Verification	Ryan Schauland , Manager 916.324.1847
Program Planning and Management Branch	Brieanne Aquila , Chief 916.324.0919



Notes

