





Cale-GGRT

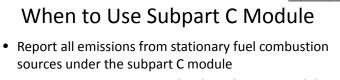
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Cale-GGRT.

What is Cal e-GGRT Used For?

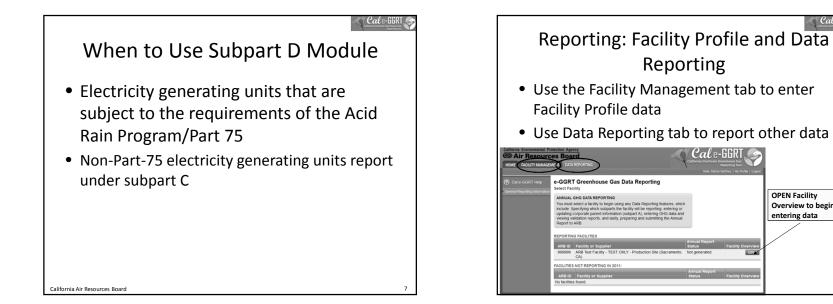
- Cal e-GGRT is the system used to report all data required by the GHG mandatory reporting regulation
- The tool contains modules for each sector required to report
 - Also includes modules for Fee Regulation and SF₆
- Multiple users can be associated with a single facility or entity
- Verifiers can be associated with facilities and entities in the tool for data review purposes

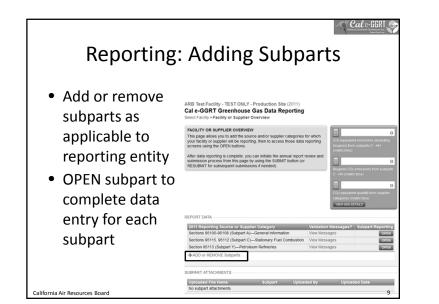
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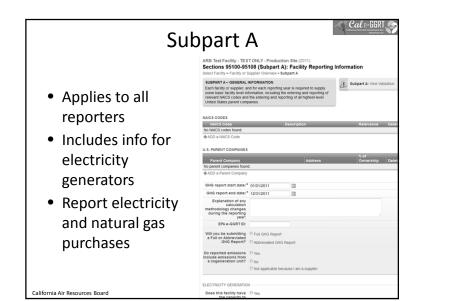
- Exceptions to reporting under the subpart C module
 - Units exempted from reporting combustion emissions under 40 CFR 98.30(b)
 - Electricity generating units subject to subpart D
 - Combustion units that exhaust to a CEMS that monitors both combustion emissions and process emissions from another subpart (e.g. a cement kiln that has both process and combustion emissions measured by a CEMS will be reported under Subpart H)
 - Process units that have emissions calculated according to another subpart (this does not generally apply to all combustion located at a facility with process emissions)

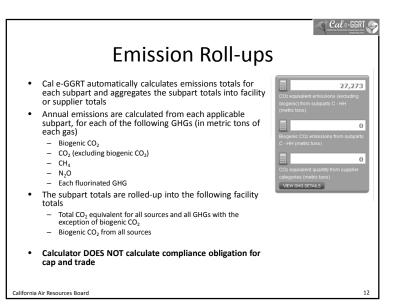
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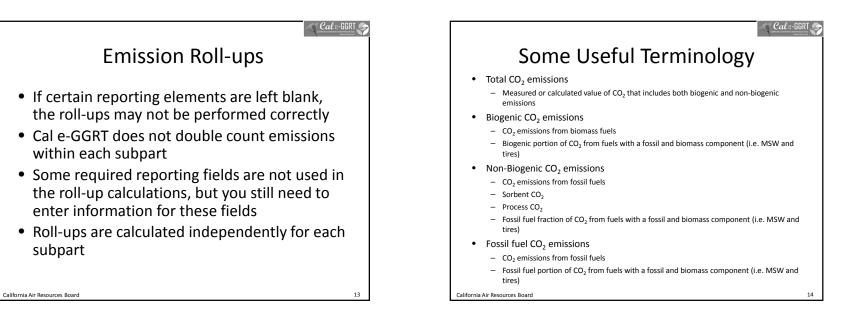


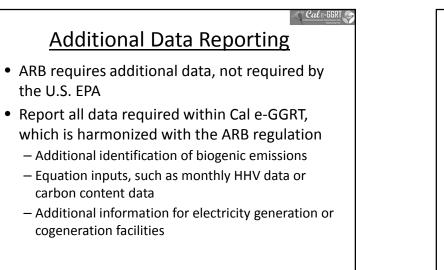


Reporting	g: Adding Su	ibparts	
	EPA SUBPARTS D - AA	GENERAL STATIONARY FUEL COMBUSTION	
	95112 (Subpart D)—Acid Rain Program EGU Description (SHOW [HIDE)	95116, 95112 (Subpart C)—Stationary Fuel Combustion Description (SHOW HIDE)	
 Select applicable subparts 	95110 (Subpart H)—Cement Production Description (SHOW HIDE)	SUPPLIER CATEGORIES	
	B8116 (Subpart N)—Glass Production Description (SHOW HIDE)	Petroleum Products Description (SHOW (HIDE) 95122 (Subpart NN)—Suppliers of Natural	
	Still (Subpart P)—Hydrogen Production Description (SHOW HIDE)	Gas and Natural Gas Liquids Description (SHOW (HIDE)	
	95120 (Subpart Q)—Iron and Steel Production Description (SHOW HIDE)	95123 (Subpart PP)—Suppliers of Carbon Dioxide Description (SHOW (HIDE)	
	95117 (Subpart S)—Lime Manufacturing Description (SHOW HIDE)	AB 32 COST OF IMPLEMENTATION FEE REGULATION	
	95118 (Subpart V)—Nitric Acid Production Description (SHOW HIDE)	SF6 GAS INSULATED SWITCHGEAR	
	95150-95157 (Subpart W)—Oil and Natural Gas Systems Not currently available for selection.	95350-95359—SF6 Gas Insulated Switchgear Description (SHOW HIDE)	
	Description (SHOW HIDE)	ELECTRIC POWER ENTITIES	
	95113 (Subpart Y)—Petroleum Refineries Description (SHOW HIDE)	Not currently available for selection. Description (SHOW HIDE)	
	96119 (Subpart AA)—Pulp and Paper Manufacturing Description (SHOW HIDE)		
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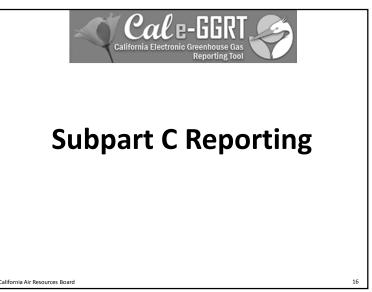








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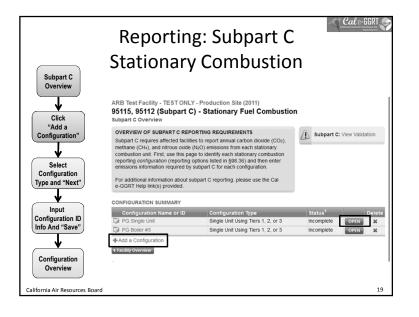
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Adding a Subpart C Configuration

- Two Step Process
- 1. Configuration Setup
 - Reported once for each configuration
 - Varies by configuration type
- 2. Fuel Use and Emissions per Configuration
 - Reported for each fuel combusted in a given configuration
 - Varies by tier and fuel type

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Cale-GGRT Subpart C Configurations • Subpart C offers 6 different reporting options, known as Configurations in e-GGRT • The different reporting options (configurations) are provided in 40 CFR 98.36(b) - (c)- Single Unit Using Tiers 1, 2, or 3 [98.36(b)] - Single Unit Using Tier 4 (CEMS) [98.36(b)] - Aggregation of Units [98.36(c)(1)] - Common Pipe [98.36(c)(2)] - Common Stack or Duct (CEMS) [98.36(c)(3)] – Alternative Part 75 Reporters [98.36(d)(2)] California Air Resources Board 18



Adding a Configuration				
• Select	ARB Test Facility - TEST ONLY - Production 95115, 95112 (Subpart C) - Stationa Subpart C Overview - New Configuration		n	
appropriate	SUBPART C REPORTING CONFIGURATIONS		Note: You cannot change the	
configuration • Complete	For stationary contexistion sources regulated to report under subpart C. Cat e-GGRT regregate a facility to identify which reporting optione each unit or group of units will be using to report emissions. The different subpart Co- reporting options are referred to as activity of service and co-GGRT. The individual configurations are designed to mark the reporting options made available by the use of a GCR PG 35.			
descriptive	Once a configuration is added. Call e-GGRT will allow the user to enter the required reporting elements for the configuration types elected. A facility may have multiple configuration types and/or multiple configurations of any given type.			
information	For additional information about adding and editing a configuration and the different reporting configurations available, please use the Cal e-GGRT Help Init(s) provided.			
that follows	SELECT & REPORTING CONFIGURATION			
	Select Reporting Configuration Type	Calculation Method	ology Rule Reference	
	 Single Unit Using Tiers 1, 2, or 3 	Tier 1, 2, or 3	98.36(b)	
	 Single Unit Using Tier 4 (CEMS) 	Tier 4	98.36(b)	
	Aggregation of Units	Tier 1, 2, or 3	98.36(c)(1)	
	Common Pipe Common Stack or Duct (CEMS)	Tier 1, 2, or 3 Tier 4	98.36(c)(3) 98.36(c)(2)	
	Alternative Part 75 Reporters	98.33(a)(5)	98.36(d)(2)	
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Cale-GGRT

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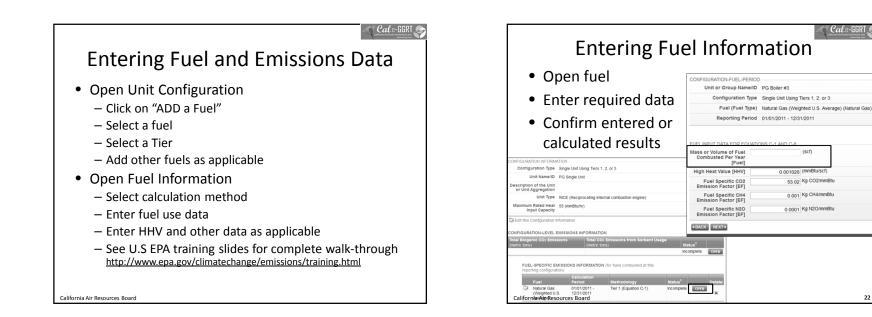
53.02 Kg CO2/mmBtu

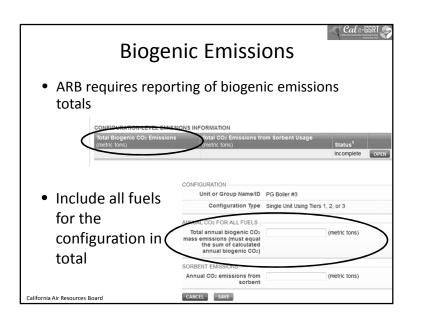
0.001 Kg CH4/mmBtu

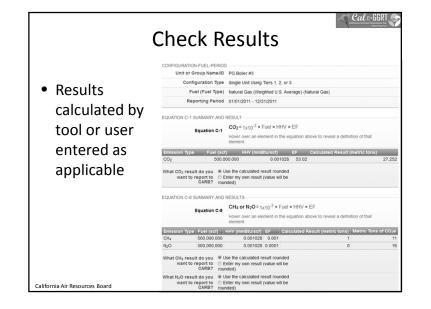
0.0001 Kg N2O/mmBtu

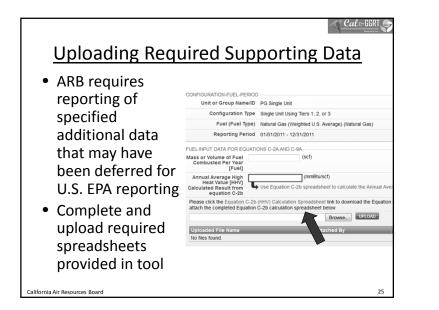
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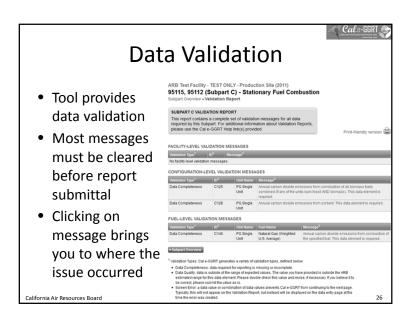
0.001028 (mmBtu/scf

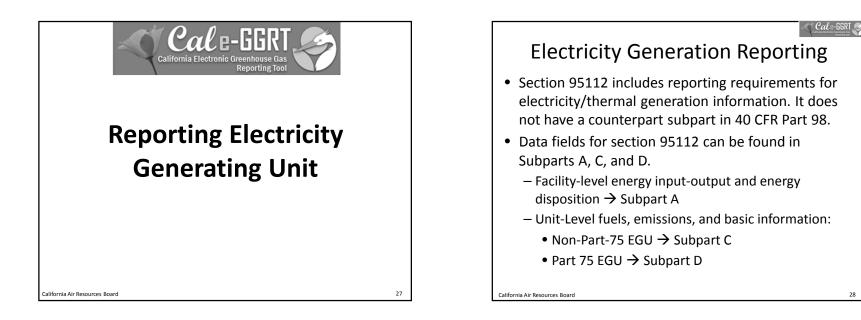




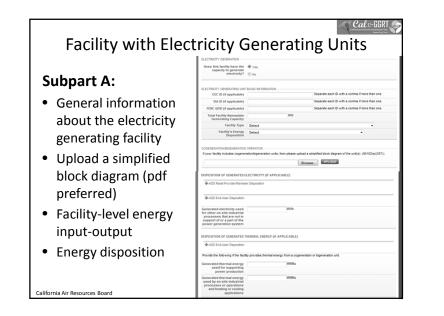


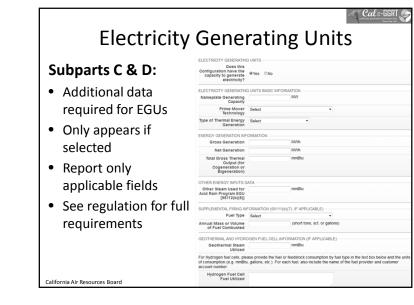






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Subpart D Units
 Overall functionality closely mirrors the reporting configurations in Subpart C
 Fuels and emissions data fields are mostly the same as in U.S. EPA's e-GGRT
 The only major difference is in how the CO₂ emissions number is entered. Users have to hand-typed the CO₂ number into Subpart D.
 Section 95112 data fields are identical to those in Subpart C

Key Reporting Dates

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- See **Key Dates** webpage for specific dates applicable to reporting year
- <u>http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep-dates.htm</u>
- Actual Reporting Dates may differ from dates specified in the regulation if the specified dates fall on a Saturday, Sunday, or Holiday
- Key Dates page is updated annually with required submission dates

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GHG Reporting Contacts			
Subject Matter	Contact		
GHG Mandatory Reporting (General)	Dave Edwards, Manager 916.323.4887		
Reporting Requirements, Stationary Combustion, Other Sectors (cement, glass, pulp and paper, etc.)	Patrick Gaffney 916.322.7303		
Reporting Tool Registration and General Questions	Karen Lutter 916.322.8620		
Electricity Generation and Cogeneration Facilities	<u>Anny Huang</u> 916.323.8475		
Electricity Retail Providers and Electricity Marketers	<u>Wade McCartney</u> 916.327.0822		
Fuel and CO2 Suppliers - Transportation Fuels, Natural Gas, LPG, CO2	<u>Byard Mosher</u> 916.323.1185		
Petroleum Refineries, Hydrogen Plants, Oil & Gas Production	Byard Mosher 916.323.1185		
Greenhouse Gas Report Verification	Renee Lawver, Manager 916.322.7062		
Chief – Greenhouse Gas Emission Inventory Branch	<u>Richard Bode</u> , Chief 916.323-8413 33		

For More Information GHG Reporting Website http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm See website for: Regulation reporting guidance and fact sheets Reporting tool information "Clean" copy of the regulation (no underline/strikeout) Email reporting tool questions to: ghgreport@arb.ca.gov Zuformair Resources Board Attivity Provide P

