

2011 Greenhouse Gas Emissions Data Reporting and Verification Summary

In 2012, facilities, fuel suppliers and electricity importers submitted 2011 emissions data reports as required by the Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (MRR). A summary of the reports is provided below.

- For 2011 data, 581 facilities, suppliers and electricity importers have submitted emissions data reports under MRR. Of the reports submitted, 491 reports were required to be verified.
- Of the verified facilities, 97% percent received either a positive or qualified positive emissions data verification statement (no material misstatement).
- A material misstatement is an indication that there is a greater than five percent error in the reported emissions data, as confirmed by a third-party verification body.
- The verification results are an indication that the reporting program is collecting accurate data and includes the participation of all major industrial facilities in California.

The table below shows the 2011 reporting and verification summaries for greenhouse gas data reported under the MRR. Additional information about the reporting program is available here: <http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm>.

Reporting and Verification Results for Facilities and Entities

	2011 Data Submitted in 2012
Total Number of Reports	581
Reports Not Subject to Verification ¹	90
Number of Reports Subject to Verification	491
Verified Reports	488 (99%)
Positive Emissions Verification Statement	477 (97%)
{ - Qualified Positive ² }	{17}
Adverse Emissions Verification Statement ³	11 (2%)
Unverified Reports	3 (<1%)

¹ These facilities emit <25,000 metric tons of CO₂e and some are electricity retail providers that are not subject to verification.

² This is a subset of the positive emission verification statements and indicates that a verifier found a non-conformance with one of the requirements in the reporting regulation, but the non-conformance did not cause a material misstatement.

³ An adverse verification statement means the verifier identified inaccuracies that resulted in total reported emissions having an error greater than 5% (a material misstatement).

Emission Results for Facilities and Entities

Note: The 2011 emissions are based on updated GHG reporting requirements which were promulgated to harmonize with the U.S. EPA greenhouse gas reporting rule and to support the California Cap-and-Trade program. The 2011 emissions data includes new methods, additional process emissions reporting, and more complete fugitive and vented emissions reporting compared to the emissions data reported in 2008 through 2010. The 2011 data also includes data from transportation and other fuel suppliers, shown in the second table below.

A detailed spreadsheet with the 2011 emissions for each reporting entity is available here: http://www.arb.ca.gov/cc/reporting/ghg-rep/reported_data/ghg-reports.htm.

2011 Facility Emissions Comparison CO₂e, metric tons/year (non-biomass + biomass + process emissions*)

Source Category	Emissions (MT CO ₂ e)
Cement Plants	6,221,404
Electricity Generation	34,921,146
Cogeneration	9,622,361
General Combustion Sources	12,587,386
Refinery and Hydrogen Plants	35,132,812
Oil and Gas Production	12,559,822
Total	111,044,931

* 2011 data includes additional process emissions not required to be reported in 2008-2010. Process emissions are produced by chemical or physical reactions rather than combustion.

2011 Reported Electricity and Fuel Supplier Emissions CO₂e, metric tons/year

	Electric Power Entities	Transportation Fuel Suppliers and CO ₂ suppliers	Natural Gas, NGL, and LPG Suppliers	Total
Total Emissions	46,001,859	165,002,713	96,572,235	307,576,807
Percent of Total Supplier Emissions	15	54	31	100
Number of Entities	92	38	17	147