This webinar focuses on facility and fuel supplier reporting. A separate webinar will be held for Electric Power Entities on March 5, 2019.

2017 Data Reporting Recap

- 796 reports submitted
- 517 verified
  - 99.6% received positive / qualified positive emissions verification statements
- Other reports not subject to verification (i.e., abbreviated reporters or retail providers with no imports/exports)
- 2017 summary data posted for all reports here: [https://ww2.arb.ca.gov/mrr-data](https://ww2.arb.ca.gov/mrr-data)

2019 Key Reporting Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>April 10</td>
<td>Regulatory Deadline: Reports due for facilities and suppliers of fuels and carbon dioxide, except when subject to abbreviated reporting</td>
</tr>
<tr>
<td>June 3 (June 1st is Saturday)</td>
<td>Regulatory Deadline: Reports due for electric power entities and those subject to abbreviated reporting</td>
</tr>
<tr>
<td>July 18</td>
<td>Deadline for corrections to RPS Adjustment data required for electric power entity data reports (i.e., 45 days following the emissions data report due date)</td>
</tr>
<tr>
<td>August 12</td>
<td>Regulatory Deadline: Verification statements due (emissions data and product data)</td>
</tr>
</tbody>
</table>

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Reporting and Verification Schedule

- Time crunch for verifiers!
  - 1st year of new compliance period → Verifiers have to complete site visits for all clients and may have new clients
- No extensions
- Failure to submit a report or verification by the required deadline is a violation of the regulation for each day the report or verification is late

Enforcement

- Issues that could lead to enforcement
  - Incorrect data reported
  - Failure to fix correctable errors that result in an adverse statement
  - Late reports or failure to report
  - Late verification or failure to verify
- CARB has completed enforcement actions related to reporting
  - Completed case settlements posted here: https://www.arb.ca.gov/enf/casesett/casesett.htm

Reporting Tips

- Check CARB guidance materials for revised requirements: https://ww2.arb.ca.gov/mrr-guidance
- Utilize other resources available on the Mandatory Reporting website: https://ww2.arb.ca.gov/our-work/programs/mandatory-greenhouse-gas-emissions-reporting
- If you think you may be eligible for cessation of reporting or verification [pursuant to 95101(h)] or are ceasing operations [95101(i)], contact CARB staff
- Contact CARB for any questions about requirements (ghgreport@arb.ca.gov)
- Save and file any CARB responses as part of your GHG Monitoring Plan
Verification Essentials

- Must hire a new verifier after six years with the same verification body
- Change of VB automatically requires a site visit
- All entities subject to verification will have a site visit this year due to new compliance period
- Be prepared to trace data to its origin, especially during site visit
- Ensure GHG Monitoring Plan meets the requirements of section 95105(c) and includes any additional information that would be helpful to your verifier
- Correctable errors must be fixed. If not, verifier must submit an adverse statement.
- If verifier or reporter is unsure of requirements, please contact CARB for assistance

Verification Best Practices

- Initiate verification as soon as possible to allow time for revisions
- Streamline verification:
  - Execute verifier contract prior to report certification
  - Associate your report with your verifier prior to report certification
  - Provide data to verifiers ASAP
  - Schedule site visit early
  - Communicate promptly to ensure important issues are discussed early

Summary of Revisions to MRR

Revisions Effective for 2018 Data

- Summarized in Applicability for 2016 MRR Revisions: https://www.arb.ca.gov/cc/reporting/ghg-rep/guidance/applicability-year.xlsx
- Link also available online via MRR Guidance webpage: https://ww2.arb.ca.gov/mrr-guidance

| Regulation Amendment | Regulation Section | Affected Reporting Subpart(s) | Description of Regulatory Update | Data Year | 1st Year Required Reporting?
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Subpart NN</td>
<td></td>
<td>The applicability threshold determination for fuel supplier emissions must now include: • emissions resulting from imported LPG, CNG, and LNG; • emissions resulting from interand Inland oil and gas facilities delivering natural gas; • all natural gas liquid fractionator emissions; and, • all emissions from operations of LNG production facilities that produce LNG products from natural gas received from interstate pipelines.</td>
<td>2018</td>
<td>2019</td>
</tr>
<tr>
<td>2</td>
<td>Subarticle 5</td>
<td></td>
<td>Oil and gas facilities must include flaring emissions in the 10,000 metric ton CO2e threshold determination, and report the flaring emissions if the threshold is exceeded.</td>
<td>2018</td>
<td>2019</td>
</tr>
<tr>
<td>3</td>
<td>Subarticle 6</td>
<td></td>
<td>Any facility may include flaring emissions in the 10,000 metric CO2e threshold determination, and report the flaring emissions if the threshold is exceeded.</td>
<td>2018</td>
<td>2019</td>
</tr>
<tr>
<td>4</td>
<td>Subarticle 7</td>
<td></td>
<td>Any facility may include flaring emissions in the 10,000 metric CO2e threshold determination, and report the flaring emissions if the threshold is exceeded.</td>
<td>2018</td>
<td>2019</td>
</tr>
</tbody>
</table>
Major Revisions Effective for 2018 Data

- Calculating total emissions relative to thresholds: Entities must sum specified fuel supplier emissions with facility emissions to calculate total emissions for determining applicability. If reporting threshold is exceeded, both facility and supplier emissions must be reported. [95101(b)(3)]

<table>
<thead>
<tr>
<th>Example</th>
<th>Data Year</th>
<th>Supplier Emissions (MTCO2e)</th>
<th>Facility Emissions (MTCO2e)</th>
<th>Reporting Subparts</th>
<th>Total Emissions Reported (MTCO2e)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NGL Fractionator</td>
<td>2017</td>
<td>18,000</td>
<td>8,000</td>
<td>R, NN</td>
<td>18,000</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>18,000</td>
<td>8,000</td>
<td>R, V, C&amp;T</td>
<td>26,000</td>
</tr>
<tr>
<td>Onshore petroleum production</td>
<td>2017</td>
<td>3,000</td>
<td>11,000</td>
<td>R</td>
<td>11,000</td>
</tr>
<tr>
<td>facility with gas plant</td>
<td>2018</td>
<td>3,000</td>
<td>11,000</td>
<td>R</td>
<td>14,000</td>
</tr>
</tbody>
</table>

- “Facility” definition for onshore petroleum and natural gas production: Onshore natural gas processing equipment owned/operated by the facility owner/operator is considered to be “associated with a well pad” unless it is required to be reported as part of a separate facility.

Emissions Reported for 2017: 10,000 + 10,000 + 4,000 = 24,000 MTCO2e
Emissions Reported for 2018: 10,000 + 10,000 + 4,000 + 2,000 = 26,000 MTCO2e

→ Subject to verification and C&T

Major Revisions Effective for 2018 Data

- Point of regulation change for imported LPG, LNG, and CNG, from consignee to importer
- Refer to “Suppliers of Transportation Fuels and Natural Gas Fuels” guidance document (https://www.arb.ca.gov/cc/reporting/ghg-rep/guidance/fuel-supplier.pdf), or contact staff for assistance

- Transportation fuel suppliers required to report volumes of fuel excluded from emissions reporting
- Excluded volumes reported separately for: RBOB, Diesel No. 1 and 2, Ethanol, Biodiesel, and Renewable Diesel

Updates to Guidance Documents
Guidance Updates

- Updated guidance documents available: [https://ww2.arb.ca.gov/mrr-guidance](https://ww2.arb.ca.gov/mrr-guidance)
- Guidance documents updated to:
  - Provide new guidance for MRR amendments going into effect for 2018 data
  - Improve clarity of existing requirements

Documents Revised for MRR Changes Effective for 2018 data

<table>
<thead>
<tr>
<th>Applicability for 2016 MRR Revisions (spreadsheet)</th>
<th>Petroleum and Natural Gas Systems</th>
</tr>
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<tbody>
<tr>
<td>Change of Ownership or Operational Control Notification and Reporter Responsibilities</td>
<td>Hydrogen Producer Reporting</td>
</tr>
<tr>
<td>Determining Rule Applicability</td>
<td>Hydrogen Transfer Purchaser/Receiver Reporting FAQ</td>
</tr>
<tr>
<td>Measurement Accuracy and Missing Data Provisions</td>
<td>Petroleum Refineries and Coke Calciners</td>
</tr>
<tr>
<td>Suppliers of Transportation Fuels and Natural Gas Fuels</td>
<td>Petroleum and Natural Gas Systems Covered Product Data</td>
</tr>
<tr>
<td>Natural Gas Liquid Fractionators</td>
<td>Electric Power Entity Reporting Requirements Frequently Asked Questions (FAQs)</td>
</tr>
</tbody>
</table>

Cal e-GGRT News & Reminders

- Tool available NOW for 2018 data reporting
- Cal e-GGRT release automatically migrates 2017 data configuration to 2018 reports
- Update DR, ADR, Agents (Important!)
- Electric Power Entity Workbook 1 will be activated first week of March

Cal e-GGRT Updates
Updates for consistency with 2016 MRR

- Subpart A: No check boxes to specify why GHG emissions changed by more than 5%, only text field for narrative
- Subpart C: Buttons to report the source of geothermal generation is a binary cycle plant (closed loop system), or a geothermal steam plant (open loop system)
- Subpart NN: New field to report LPG excluded from emissions reporting for NGL fractionators and importers of fuel

Updates for Verification

- Entities can select verification body prior to certifying report - one more way to streamline verification process
- Verifiers can submit conflict of interest forms electronically via Cal e-GGRT

Updates from previous two years

- Cal e-GGRT automatically calculates biogenic emissions for Subpart C reporting
- Check box to provide consent for CARB staff to share NG purchase data with NG supplier
Batch Certifications in Cal e-GGRT

- Batch certification and submission of reports (for reporters with multiple facilities)
- Step 1 – Generate all of the reports
- Step 2 – Click on Batch Review and Certification
- Step 3 – Submit batch after final review

The Take Home Message(s)

- Time crunch for verification
- Reach out to your verifier ASAP and select them in Cal e-GGRT
- Review changes going into effect for 2018 data:
  - Applicability for 2016 MRR Revisions spreadsheet
  - Updated guidance docs
- Lots of resources available online
- Contact CARB for additional guidance

Resources

- Email reporting questions to: ghgreport@arb.ca.gov
- Email verification questions to: ghgverify@arb.ca.gov
- Reporting Guidance: https://ww2.arb.ca.gov/mrr-guidance
- Cal e-GGRT Training: https://ww2.arb.ca.gov/mrr-tool
- Cal e-GGRT Main Help Page: http://www.ccdsupport.com/confluence/display/calhelp/Home
- Verification Bodies: https://ww2.arb.ca.gov/verification-bodies

GHG Reporting Contacts

<table>
<thead>
<tr>
<th>Program / Sector</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manager – Climate Change Reporting Section</td>
<td>Syd Partridge 916.445.4202</td>
</tr>
<tr>
<td>General Reporting Requirements, Stationary Combustion, Electricity Generation and Cogen, Miscellaneous Sectors, Cal e-GGRT Reporting</td>
<td><a href="mailto:ghgreport@arb.ca.gov">ghgreport@arb.ca.gov</a></td>
</tr>
<tr>
<td>Reporting Tool Registration and General Questions</td>
<td>Karen Lutter 916.322.8620</td>
</tr>
<tr>
<td>Electricity Retail Providers and Electricity Marketers</td>
<td>Wade McCartney 916.327.0822</td>
</tr>
<tr>
<td>Fuel and CO₂ Suppliers (Transportation Fuels, Natural Gas, LPG, and CO₂)</td>
<td>Smadar Levy 916.334.0230</td>
</tr>
<tr>
<td>Petroleum Refineries, Hydrogen Plants, Oil &amp; Gas Production, and Associated Product Data</td>
<td><a href="mailto:ghgreport@arb.ca.gov">ghgreport@arb.ca.gov</a></td>
</tr>
<tr>
<td>Manager – Greenhouse Gas Verification Section</td>
<td>Ryan Schauland 916.324.1847</td>
</tr>
<tr>
<td>Chief – Program Planning and Management Branch</td>
<td>Brieanne Aguila 916.324.0919</td>
</tr>
</tbody>
</table>

More contact information at: https://ww2.arb.ca.gov/mrr-contacts
Questions

Thank you for tuning in!

That's all Folks!