

Ask CAMD Session on CAMD Data Products

Audio: +1 833-323-0104

Video: <https://epawebconferencing.acms.com/camd/>

1:00 – 2:30 PM Eastern on April 20th, 2020

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I. Welcome – Reid Harvey, Director of the Clean Air Markets Division

II. Allowance Data

a. Air Markets Program Data (AMPD) - Allowance Data

- i. Description: AMPD is a web-based application that allows users easy access to both current and historical data collected as part of EPA's emissions trading programs. AMPD provides a query tool so users can create custom queries of industry source emissions data, allowance data, compliance data, and facility attributes. In addition, AMPD provides charts, reports, and pre-packaged datasets.
- ii. Link: <https://ampd.epa.gov/ampd/>
- iii. Contact: [Travis Lageman](#), Market Operations Branch

III. Power Sector Emissions Data

a. Air Markets Program Data (AMPD) - Power Sector Emissions Data

- i. Description: See above.
- ii. Link: <https://ampd.epa.gov/ampd/>
- iii. Contact: [Justine Huetteyman](#), Emissions Monitoring Branch

b. Field Audit Checklist Tool (FACT)

- i. Description: FACT is a Windows desktop application intended to help auditors perform field audits of facilities that report data under 40 CFR Part 75. FACT allows users to easily view monitoring plan, quality assurance and emissions data. FACT also provides access to data collected under the Mercury and Air Toxics Standards.
- ii. Link: <https://www.epa.gov/airmarkets/field-audit-checklist-tool-fact>
- iii. Contact: [Justine Huetteyman](#), Emissions Monitoring Branch

c. Monitoring Plan Viewer

- i. Description: This tool provides access to information about facilities affected by 40 CFR Part 75 such as location, ownership and contact information, unit attributes, and monitoring plan data.
- ii. Link: <https://www.epa.gov/airmarkets/monitoring-plans-part-75-sources>
- iii. Contact: [Justine Huetteyman](#), Emissions Monitoring Branch

d. Emissions & Generation Resource Integrated Database (eGRID)

- i. Description: eGRID is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States including emissions of nitrogen oxides, sulfur dioxide, carbon dioxide, methane, and nitrous oxide, emissions rates, net generation, and resource mix. eGRID data can be used for greenhouse gas registries and inventories, carbon footprints, consumer information disclosure, emission inventories and standards, power market changes, and avoided emission estimates.
- ii. Link: <https://www.epa.gov/energy/emissions-generation-resource-integrated-database-egrid>
- iii. Contact: [Travis Johnson](#), Emissions Monitoring Branch

e. Power Plant Data Viewer

- i. Description: This tool allows users to easily display emissions from power plants across the United States at multiple levels. You can click, zoom, and use selection tools to see different charts, graphs, and maps.
- ii. Link: <https://www.epa.gov/airmarkets/power-plant-data-viewer>
- iii. Contact: [Garrett Powers](#), Market Operations Branch and [Michael Cohen](#), Assessment and Communications Branch

f. Integrated Planning Model (IPM) Results Viewer

- i. Description: The IPM Results Viewer is an Excel spreadsheet tool designed to allow a user to easily explore IPM run results via data visualizations. This data includes details of IPM model plants, including the capacity, generation, heat input, emissions, pollution controls, retrofits, retirements, and new builds.
- ii. Link: <https://www.epa.gov/airmarkets/clean-air-markets-power-sector-modeling>
- iii. Link: <https://www.epa.gov/airmarkets/integrated-planning-model-ipm-results-viewer>
- iv. Contact: [Jeremy Mark](#), Program Development Branch

g. Power Plant Data Emission Trends

- i. Description: Quickly summarizes trends in emissions of sulfur dioxide (SO₂), nitrogen oxides (NO_x), and carbon dioxide (CO₂).
- ii. Link: <https://www.epa.gov/airmarkets/power-plant-emission-trends>
- iii. Contact: [Michael Cohen](#), Assessment and Communications Branch

IV. Deposition and Environmental Effects Data

a. Clean Air Status and Trends Network (CASTNET)

- i. Description: CASTNET is a national monitoring network established to assess trends in pollutant concentrations, atmospheric deposition, and ecological effects due to changes in air pollutant emissions.
- ii. Link: <https://www.epa.gov/castnet>
- iii. Contact: [Melissa Puchalski](#), Assessment and Communications Branch

b. Long-Term Monitoring (LTM)

- i. Description: Surface water chemistry is a direct indicator of the effects of acid rain on water bodies. Networks that monitor surface water chemistry over long time periods provide valuable information on aquatic ecosystem health and how water bodies respond to changes in acid-causing emissions. LTM data track changes in surface water chemistry in response to changing air emissions and acid deposition.
- ii. Link: <https://www.epa.gov/airmarkets/clean-air-markets-monitoring-surface-water-chemistry>
- iii. Contact: [Jason Lynch](#), Assessment and Communications Branch

c. Progress Report

- i. Description: Under the Clean Air Act, EPA implements several regulations that affect power plants, including the Acid Rain Program (ARP), the Cross-State Air Pollution Rule (CSAPR) and the CSAPR Update, and the Mercury and Air Toxics Standards (MATS). The Progress Report summarizes annual progress, highlighting data that EPA systematically collects on emissions for all four programs, on compliance, and environmental effects for the ARP and CSAPR.
- ii. Link: <https://www3.epa.gov/airmarkets/progress/reports/index.html>
- iii. Contact: [Taylor Macy](#), Assessment and Communications Branch

V. Wrap-Up

- a. Contact: [Andrew Reighart](#), Market Operations Branch