

Electrical Generating Facilities

General Requirements:

- Facilities with one or more electricity generating units (EGU) must report per the Electricity Generation reporting section if any of the following apply:
 - The facility is subject to the Acid Rain Program, or
 - Combined annual CO₂e EGU emissions are at least 25,000 tonnes, or
 - Combined annual CO₂e facility-wide emissions are at least 25,000 tonnes
- An “electricity generating unit” is any equipment that combusts fuel and is physically connected to a generator to produce electricity

Emissions Determination:

- Facilities subject to the Acid Rain Program continue to report CO₂ as currently required. Calculate CH₄ and N₂O emissions by monitoring fuel use rates and multiplying by emission factors per the General Stationary Fuel Combustion Source section of the proposed reporting rule.
- Facilities that are not subject to the Acid Rain Program use one of four methods (Tiers) for calculating GHG emissions per the General Stationary Fuel Combustion Source section of the proposed reporting rule.

Reporting Requirements:

- General facility-level information as specified
- Unit- and/or group-level information including:
 - Unit ID and type code
 - Fuel(s) combusted during the reporting period
 - Maximum rated heat input capacity
 - Calculated and monitored annual emissions and supporting information
- Verification data

Other Requirements:

- Prepare a written Quality Assurance Plan describing calculation methodology, record retention, emission factors, and CEMs calibrations
- Maintain relevant records for 5 years and make available for auditing by EPA