Electrical Transmission and Distribution Equipment Use

Subpart DD, Greenhouse Gas Reporting Program

What Must Be Monitored for Users of Electrical Transmission and Distribution Equipment Insulated with Sulfur Hexafluoride (SF\(_6\)) and/or Perfluorocarbons (PFCs)?

Measure or estimate these parameters annually

For use in measuring SF\(_6\) emissions using the mass-balance monitoring method (for measuring PFCs, “PFCs” should be substituted for “SF\(_6\)” in the parameters below):

- SF\(_6\) stored in containers, but not in energized equipment, at the beginning of the year (pounds)
- SF\(_6\) stored in containers, but not in energized equipment, at the end of the year (pounds)
- SF\(_6\) purchased in bulk from chemical producers or distributors (pounds)
- SF\(_6\) purchased from equipment manufacturers or distributors with or inside equipment, including hermetically sealed-pressure equipment (pounds)
- SF\(_6\) returned to facility after off-site recycling (pounds)
- SF\(_6\) in bulk and contained in equipment that is sold to other entities (pounds)
- SF\(_6\) returned to suppliers (pounds)
- SF\(_6\) sent off-site for recycling (pounds)
- SF\(_6\) sent off-site for destruction (pounds)
- Nameplate capacity and the number of pieces of new equipment, hermetically sealed-pressure switchgear (pounds)
- Nameplate capacity and the number of pieces of new equipment, other than hermetically sealed-pressure switchgear (pounds)
- Nameplate capacity and the number of pieces of retired hermetically sealed-pressure equipment (pounds)
- Nameplate capacity and the number of pieces of retired equipment other than hermetically sealed-pressure equipment (pounds)

Supplementary information required for data reporting requirements

- Total nameplate capacity (pounds) of equipment containing SF\(_6\) or PFCs existing at the beginning of the year (excluding hermetically sealed-pressure equipment)
- Transmission miles (length of lines carrying voltages above 35 kV)
- Distribution miles (length of lines carrying voltages at or below 35 kV)
- States and territories in which the facility lies
For more information, see the information sheet for Electrical Transmission and Distribution Equipment Use at: https://www.epa.gov/ghgreporting/electronic-transmission-and-distribution-infosheet.

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