

# 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<sub>6</sub>) and/or Perfluorocarbons (PFCs)?*

### Measure or estimate these parameters annually

**For use in measuring SF<sub>6</sub> emissions using the mass-balance monitoring method (for measuring PFCs, “PFCs” should be substituted for “SF<sub>6</sub>” in the parameters below):**

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|---|--|
| <input type="checkbox"/> SF <sub>6</sub> stored in containers, but not in energized equipment, at the beginning of the year (pounds)  | <input type="checkbox"/> SF <sub>6</sub> returned to suppliers (pounds)  |
| <input type="checkbox"/> SF <sub>6</sub> stored in containers, but not in energized equipment, at the end of the year (pounds)  | <input type="checkbox"/> SF <sub>6</sub> sent off-site for recycling (pounds)  |
| <input type="checkbox"/> SF <sub>6</sub> purchased in bulk from chemical producers or distributors (pounds)   | <input type="checkbox"/> SF <sub>6</sub> sent off-site for destruction (pounds)  |
| <input type="checkbox"/> SF <sub>6</sub> purchased from equipment manufacturers or distributors with or inside equipment, including hermetically sealed-pressure equipment (pounds) | <input type="checkbox"/> Nameplate capacity and the number of pieces of new equipment, hermetically sealed-pressure switchgear (pounds)              |
| <input type="checkbox"/> SF <sub>6</sub> returned to facility after off-site recycling (pounds)   | <input type="checkbox"/> Nameplate capacity and the number of pieces of new equipment, other than hermetically sealed-pressure switchgear (pounds)   |
| <input type="checkbox"/> SF <sub>6</sub> in bulk and contained in equipment that is sold to other entities (pounds)   | <input type="checkbox"/> Nameplate capacity and the number of pieces of retired hermetically sealed-pressure equipment (pounds)                      |
|   | <input type="checkbox"/> Nameplate capacity and the number of pieces of retired equipment other than hermetically sealed-pressure equipment (pounds) |

### Supplementary information required for data reporting requirements

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|---|---|
| <input type="checkbox"/> Total nameplate capacity (pounds) of equipment containing SF <sub>6</sub> or PFCs existing at the beginning of the year (excluding hermetically sealed-pressure equipment) | <input type="checkbox"/> Transmission miles (length of lines carrying voltages above 35 kV)       |
|   | <input type="checkbox"/> Distribution miles (length of lines carrying voltages at or below 35 kV) |
|   | <input type="checkbox"/> 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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