

# Electrical Transmission and Distribution Equipment Use

## Subpart DD, Greenhouse Gas Reporting Program

Users of electrical transmission and distribution equipment insulated with sulfur hexafluoride (SF<sub>6</sub>) and/or perfluorocarbons (PFCs) must measure or estimate these parameters (annually):



## What Must Be Monitored?

### When measuring SF<sub>6</sub> emissions using the mass-balance monitoring method:

*Note: When measuring PFCs, "PFCs" should be substituted for "SF<sub>6</sub>" in the parameters below.*

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

### Supplemental information required for data reporting requirements:

- Total nameplate capacity (lbs) of equipment containing SF<sub>6</sub> or PFCs existing at the beginning of the year (excluding hermetically sealed-pressure equipment).
- Transmission miles (length of lines carrying voltages above 35 kilovolts (kV)).
- Distribution miles (length of lines carrying voltages at or below 35 kV).
- States and territories in which the facility lies.



## For More Information

For additional information and resources on Subpart DD, please visit the [Subpart DD webpage](#).

*This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.*