

Sulphur Hexafluoride - SF₆

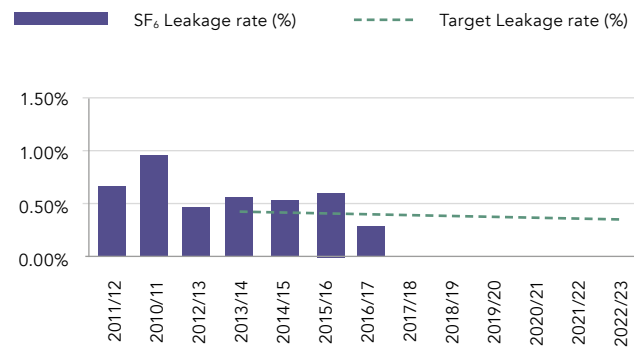
SF₆ gas is used throughout our industry as an insulating medium in switchgear. Although it provides many benefits it is a potent greenhouse gas (1kg SF₆ is equivalent to 22 800kg CO₂).

There are currently no viable alternatives to SF₆ for certain smaller types of switchgear.

We will continue to replace older oil filled switchgear with SF₆ insulated switchgear and predict that our total SF₆ bank will be approximately 23,000kg by 2023 – an increase of 10,000kg on our baseline year.

The graph shows that the volume of SF₆ leaked annually is very small at less than 1%.

SF₆ leakage rate v ED1 Target WPD Total



During ED1 we have committed to;

- Reducing the rate of leakage of SF₆ by 17%. The target is based on a four year average of emissions.
- Replacing any 11kV distribution assets that show signs of leakage and any higher voltage assets that have leaked three times.

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ANNUAL SF₆ LEAKS
RATES ARE
CONSISTENTLY
BELOW 1%”

