

**Electricity  
Transmission**

**nationalgrid**

Engineering and Consultancy Solutions

# SF<sub>6</sub> Surveys and Top-up



## Who for

If you are a business that uses Sulphur Hexafluoride gas (SF<sub>6</sub>) in your daily operation, you will appreciate the importance of correctly managing it and safeguarding your equipment against potential leaks.

## Why choose National Grid

- **In-depth analyses:** We use latest leak detection systems, analysers and gas carts that can quickly be deployed to cover England and Wales.
- **Environment:** We will work with you to develop gas leak repair solutions that will be tailored to your site specifications to reduce or eliminate environmental cost.
- **SF<sub>6</sub> expertise:** As an asset owner, we will share the expert knowledge of the SF<sub>6</sub> filled equipment with all our customers.
- **Effective reporting:** Our engineering team will supply accurate mass-flow measurements of gas usage.
- **Our experts** are trained to the latest F gas regulations and module 3 for handling contaminated SF<sub>6</sub>.
- **One point of contact:** We are an SF<sub>6</sub> all-in-one contact for your business.
- **Quality of work:** We are one of the six approved organisations to certify engineers to work with SF<sub>6</sub> in the UK and EU.

## Our solution

- **Thermal imaging:** In National Grid, we use specialist in-house thermal imaging technology to pin-point SF<sub>6</sub> leaks and be able to make strong recommendations as to where closer monitoring and repairs may be required.
- **Engineering knowledge:** Our highly experienced SF<sub>6</sub> engineers can attend your site to carry out leak detection surveys, either to locate a specific leak or to survey entire SF<sub>6</sub> filled installations; such as Gas Insulated Switchgear substations.
- **Bespoke reporting:** The team will create a bespoke report and tailor to your requirements. These reports identify the location of your leaks and can form the basis of a rectification plan.
- **SF<sub>6</sub> top-ups:** Our SF<sub>6</sub> experts can attend your site with equipment to empty or top up your SF<sub>6</sub> assets. We can complete this service both pre-and post-maintenance. Alternatively, we can top up leaking assets to continue their reliability until a repair can be carried out.
- **SF<sub>6</sub> gas handling:** Our specialist team will remove SF<sub>6</sub> for maintenance using specialist gas handling equipment. We will store the SF<sub>6</sub> gas for you temporarily during maintenance works.

### Engineering and Consultancy Solutions

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This service is available from other industry providers