

A GREEN ALTERNATIVE

The Advantages of Eco-Friendly Insulation Technology

Utilities are facing greater pressure to limit the use of sulfur hexafluoride (SF₆) gas and reduce carbon footprints. Fortunately, new gas-insulation alternatives exist that provide the same reliability and benefits you've come to trust from SF₆ technology.

THE CHALLENGE

AN SF₆-FREE FUTURE



Concerns that switchgear operations may result in **greenhouse gas emissions**



Limitations with solid-dielectric gear, such as lower ratings and no ground switch



Regulations regarding use of SF₆ gas¹



Increased focus on **corporate sustainability goals**

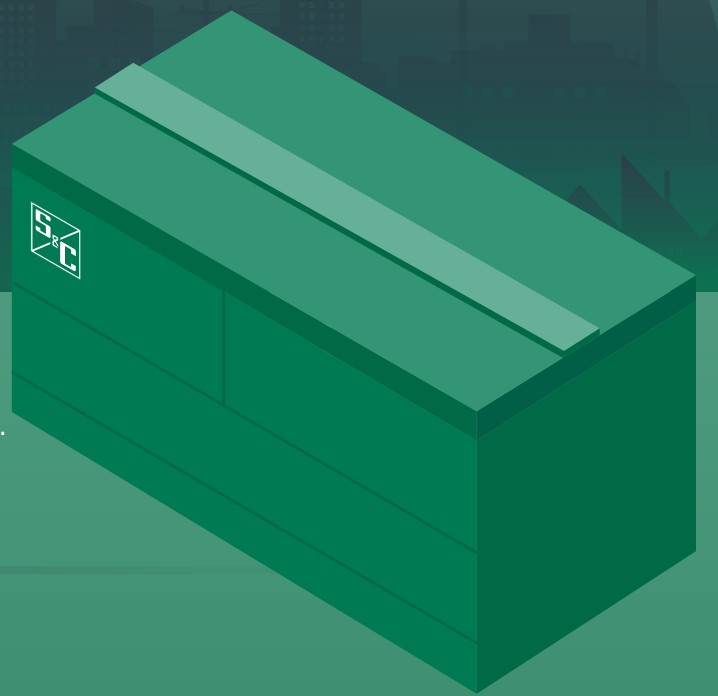


Negative public perception of SF₆ gas

THE SOLUTION

A GREEN INSULATION GAS

Vista® Green Underground Distribution Switchgear does not use SF₆ gas. Instead, it uses a 3M™ Novec™ 4710 Insulating Gas² and CO₂ gas mixture, which has a drastically reduced CO₂e, or carbon dioxide equivalent, compared to SF₆ gas. Vista Green switchgear features all the same operational and design benefits of Vista switchgear while helping to meet corporate sustainability goals.



Eased Operation & Maintenance

- » Three-position device with grounding **simplifies switching and cable-handling**
- » Standard visible gaps with **clear view** of switch positions
- Meets switchgear arc-resistance standards to
- » **improve safety**
- Hermetically sealed tank
- » **eliminates the need for crews to handle gas**



Enhanced Sustainability

- » Alternative gas **doesn't require federal EPA reporting**
- » **97% less CO₂e** than SF₆ gas switchgear
- » **Lowest total carbon footprint** of all submersible switchgear options
- » Hermetically sealed tank **requires no gas-handling** in the field, reducing emissions from cylinder and fill operations



Reliable Design

- » **Same ratings and reliability benefits** as Vista switchgear
- » **Same footprint** as Vista switchgear to save valuable space
- » Uses vacuum interrupters and visible disconnects

Want to discuss eco-friendly switchgear alternatives?
Learn more at sandc.com/vistautilities



¹California Air Resources Board: "Regulation for Reducing Sulfur Hexafluoride Emissions from Gas Insulated Switchgear"
²3M and Novec are trademarks of 3M Company.