

GE Renewable Energy Grid Solutions



g³ is a revolutionary gas for the electrical transmission industry, offering the same technical performances as SF₆ but with environmental impact reduced by more than 99%.

g³ BENEFITS

When used in high voltage (HV) switchgear, the Global Warming Potential (GWP) of g^3 gas is reduced by more than 99% compared to SF_6 . In other words, the **residual gas GWP is less than 1%** of that of SF_6

The environmental benefits of g³ are not limited to global warming mitigation. A Life Cycle Assessment (LCA) demonstrates that using g³ improves all the environmental indicators compared to SF₆.



g³ products feature the same performance and dimension as SF₆ products



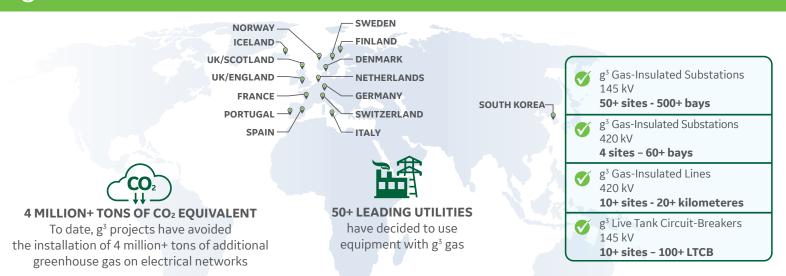
Utilities can **adopt best practices** in terms of environmental sustainability



Utilities may qualify for **tax reduction or incentives** related to greenhouse gas emissions reduction



$\mathsf{g}^{\scriptscriptstyle{3}}$ experience



g³ vision

TODAY



145 kV



2026 a wide portfolio

GE is committed to enabling a decarbonized future of energy and will **continue to expand its**g³ high voltage product portfolio through the decade*

*This roadmap is for forecasting purposes. This roadmap could potentially evolve due to factors including the global market situation and ongoing regulatory updates, which could impact customers opting for SF₆-free substations.



g³ **ROADMAP**

