ABB commissions world’s first gas-insulated switchgear pilot with new eco-efficient gas mixture as SF$_6$ alternative

Equipment in pilot substation includes:
- 8 bays of 170 kV GIS
- 50 panels of 24 kV GIS

Global warming potential (GWP) of new gas mixture is almost 100% lower than GWP* of SF$_6$

CO$_2$ equivalent reductions with the new gas equate to taking 25 cars off the road (based on a lifecycle of 30 years for the pilot GIS installation and cars running 15,000 km per year)

(*The GWP describes how much heat a greenhouse gas traps in the atmosphere.)