






## **ABB:**

# **Reduced Scope 1 GHG by Tackling Sulfur Hexafluoride Emissions**

**ABB installed a full capture system for Sulfur Hexafluoride (SF6) emissions at their Pinetops, NC facility, effectively eliminating 99% of these emissions and significantly decreasing Scope 1 greenhouse gas emissions and lowering ABB's U.S. carbon footprint by more than 16%.**

-  **Implemented a solution to eliminate the emission of SF6 gas using a system to capture and bottle SF6 gas from the site's switchgear manufacturing process**
-  **Recovered SF6 gas from the vacuum chamber is re-circulated and rebottled so that clean gas is re-used and contaminated gas is returned to the vendor**
-  **In addition to the scope 1 emissions reduction, reducing SF6 emissions addressed safety risks associated with oxygen displacement when the vacuum chamber is open**

