



DurAlloy Stops Critical SF-6 Gas Leaks

A major Northeastern U.S. utility company was experiencing SF-6 gas leaks on its substation breakers. Cracks in the old solder joints were causing this gas to leak from the insulator bushing caps. SF-6 gas has excellent cooling and insulation capabilities. However, SF-6 gas is an expensive and ozone-depleting gas so leaks are unacceptable.

In the past, the utility company's engineers were repairing these leaks by soldering, but only with limited success.

Recently, the local ENECON distributor was asked to provide a proposal to repair the leaks with DurAlloy.

First, the old solder and paint were stripped away from the bushing caps. After a thorough cleaning, DurAlloy was applied to completely seal the failed joints.

The engineers were so pleased with the results, the repair using DurAlloy and ENECON Field Support has become a standard procedure for the utility's maintenance program.



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