

CASE STUDY

Location: Substation

Issue: Corona on capacitors bank cables

Location of cracked cables on a capacitor bank

At this 500 kV substation, the utility experienced problems with the cabling to the capacitor bank. The cabling was redone and although it seemed to be satisfactory, the utility decided to inspect it for corona discharge. Many cases of cracked insulation showing corona were found. The cables were bent too sharply and the cracks then got even worse with the corona on them.

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