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CASE STUDY

PROTECTING UK INFRASTRUCTURE

Overview

Two Scottish and Southern Energy (SSE) 132kV dead tank oil circuit breakers at Amersham Main substation had been assessed for replacement. Set to be replaced with new Siemens dead tank SF6 circuit breakers, an updated protection scheme with new batteries were also to be added. With the site owned by National Grid and shared with SSEN and UKPN, a contractor who had authorisation and knowledge of working with both SSE and National Grid was required.

At a glance

Efficiency Collaboration Safety

Project profile

Location:
Amersham, Buckinghamshire, United Kingdom

Solution:
132kV circuit breaker upgrade

Delivered by:
KUS POWER ENGINEERING

BRUSH Power Solutions

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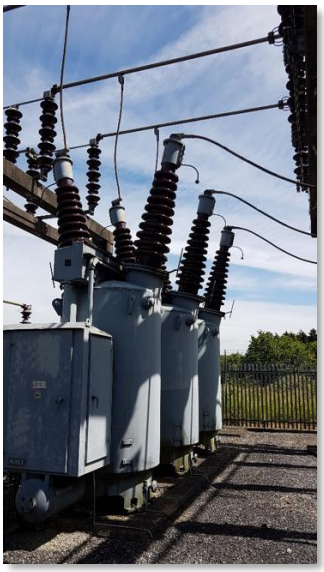
Solution

Appointed through a competitive tender process, KUS, part of BRUSH Power Solutions, were appointed in part due to having previously held authorisation to work with both SSEN and National Grid. Leveraging this dual familiarity, BRUSH Power Solutions was successful in the installation and management.

Project scope included the installation of new circuit breakers, protection upgrades, and power systems integration, all completed under strict safety and quality standards.



Result

The project was completed on time and within budget, with zero safety incidents reported. Both SSEN and National Grid expressed satisfaction with the professionalism, quality, and safety performance demonstrated on site. The successful upgrade has improved equipment reliability and ensured continued operational safety at this critical substation.

More information

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FOR MORE INFORMATION
SCAN HERE

From concept, through to design, build, connection and everything in between, our end-to-end engineering solutions offering provides network solutions across the energy management landscape.