

Advanced Power Services and BAM Nuttall introduce ground-breaking 20-year warranties

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Advanced Power Services and BAM Nuttall have announced the introduction of 20-year Medium Voltage product warranties into the UK rail infrastructure. This represents a significant development in the industry's drive for modernisation and efficiency.

The warranties were previously only available in the United States but hadn't hit the UK or Europe until now. The warranties will be issued directly by 3M to Network Rail on 3M joints installed by Advanced Power Services.

The partnership between the two companies sees Advanced Power Services bringing new technology into the infrastructure, allowing for greater efficiency and smarter work. Advanced Power Services has been appointed by BAM Nuttall for the Jointing & Commissioning elements of twelve 33kV feeder replacements within Sussex and Kent, enabling the collaboration to drive the modernisation forward.

As part of the companies' focus on efficiency, they are introducing new testing technologies, such as Very low frequency withstand testing, to commission feeders. This method has been successfully tested on the Tunbridge lines, where it helped identify poor quality cable before it was commissioned into service, saving

thousands of pounds in cable repair costs and replacement.

In addition to testing technology, Advanced Power Services, BAM Nuttall, and the Sussex Regional Asset Manager are collaborating on a cost-saving initiative. The companies are recovering assets on the renewals and recycling this equipment back into the network, including fluid-filled oil tanks, LOPI panels, and Oil Stop Joints, which will be refurbished, tested, and re-commissioned as part of a maintenance program.

Advanced Power Services has become the first company authorised to provide the 20-year Medium Voltage product warranties in the UK and introduce them into the rail infrastructure. The company's installation personnel have undergone rigorous training to become authorised QECC Installers. This new warranty product and technology initiative will save time, money, and improve efficiency in the rail industry, driving the industry forward with innovation and modernisation.