SIEMENS

Press

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Siemens' solution to extend the life of ageing switchgear – C4X retrofit

Siemens announces the launch of a new C4X retrofit solution, designed to extend the life of South Wales Switchgear's C4X medium voltage circuit breaker. Siemens can provide customers with a new vacuum circuit breaker to replace the old oil circuit breaker which will offer customers a cost effective solution to radically extend the life of switchgear by up to 25 years. As the OEM for Reyrolle, Siemens is now expanding into new markets of alternatively manufactured products to increase their ability to offer industry leading experience in switchgear, an outstanding range of solutions and superior customer service.

The retrofit solution represents a highly economical alternative to the complete replacement of assets. It offers many benefits including increased reliability and safety of ageing switchgear, minimal operational disruption when the retrofit is carried out, full compliance with health and safety regulations along with IEC 62271 standards and flexible lead times available.

The original oil circuit breakers were rated at 13.1kA (400 Amp) for the C4X and 18.4 kA (1200 Amp) for the D8/12X panels and during the type testing of the new retrofit circuit breakers, the opportunity to up-rate the short circuit levels was increased by Siemens.

A gap in the market

"As the world's largest engineering company and the Original Equipment Manufacturer (OEM) of Reyrolle equipment, we have found a gap in the market in which we help our customers get more from their assets. Our unparalleled experience demonstrates our desire to support our customers especially since the introduction of RIIO/ED1. The need to extend the life of installed assets is

continuously growing, and we are always striving to meet those needs head on with the very best innovative solutions", said Russ Elliott, Product Manager at Siemens in Hebburn.

Siemens engineers work tirelessly to guarantee that all of their solutions meet the exact requirements of their customers and ensure the maximum life of switchgear assets. The C4X solution has been made to the highest manufacturing standards and withstood the rigorous type testing that ensued in order to confirm the products eligibility to be marketed.

Siemens is committed to switchgear life extension and the continuous exploration, design and creation of innovative solutions and products to that end. Siemens has invaluable experience in the engineering industry and facilitates all the manufacture and testing of their own products so that customers can be absolutely sure they are receiving the best service and solutions at optimum cost.

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of gas and steam turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2015, which ended on September 30, 2015, Siemens generated revenue of €75.6 billion and net income of €7.4 billion. At the end of September 2015, the company had around 348,000 employees worldwide. Further information is available on the Internet at www.siemens.com