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Nexans Opens the Latest High Voltage Test Laboratory at its Calais Center of Excellence

Image

Paris La Défense, November 22, 2017 – The high voltage (HV) market is requiring an increasing number of tests at higher and higher voltage levels. In order to support this growing business, **Nexans has decided to significantly enhance its testing capacity by building in Calais, France, a new state-of-the-art direct current (DC) laboratory that allows to test simultaneously three independent qualification loops.**

Each cable is composed of multiple cable sections and joints, and is connected to the electrical grid. This means that the cable must be tested for its full length, and the equipment availability required for performing ageing tests typically lasting more than one year.

This new laboratory is dedicated to HVDC cables, a market of primary importance for high-capacity links and connection of renewable energy sources, such as the Dolwin 6 offshore windpark. For this large project brought to life by TenneT, [Nexans Germany was recently awarded a contract](#) to supply and install two 90-km-long HVDC cables that will transport up to 900 MW of wind power, enough to transmit enough electricity for almost one million German homes.

12 HV test laboratories supported by multidisciplinary experts

The Goldin Center of Excellence for HV testing occupies 6,500 m² and is now composed of 12 HV AC and 12 HV DC test laboratories. It plays a key role in qualification of Nexans' 500 kV AC and 525 kV DC systems program. The Center played

In addition to electrical testing, highly skilled and experienced experts of the Goldin Center of Excellence provide technical support in the design and installation of HVDC cable systems, as well as technical training of Nexans' customers and

As the global energy needs continue to grow, the world will require extremely reliable cable systems. Nexans is proud to be positioned as one of the leading hubs for helping our clients address the challenges of the future.

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