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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 year is composed of multipleable sessions, each into and is connected to the electrical tests typically lasting more than one year. The equipment availability required for performing aging

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 its main component is 0.2 MV AC a key role in qualification of Nexans' 300 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 contribute to the design, installation, and operation of HVDC cables, including in partnership of installation techniques 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. We are proud to be positioned as one of the leading hubs for helping our clients address the challenges of the future."

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