

NEXANS TO SUPPLY E.ON WITH SUBMARINE CABLES FOR THE ARKONA OFFSHORE WIND FARM

First order for Nexans' three-phase 33 kV submarine cables with 800 mm² cross-section

Hanover (Germany), 29 April 2016 – Nexans Deutschland's Hanover plant is to supply 76 km of energy cables to E.ON for the Arkona offshore wind farm. The submarine cables are designed for operation at 33,000 V (33 kV) and will serve as the internal cabling for the nearly 385 MW wind farm, which is due to be built between the Baltic Sea islands of Rügen and Bornholm and expected to generate electricity for around 400,000 households from 2019. The order includes 48 km of three-phase cables with a 300 mm² cross-section and 28 km of cables with an 800 mm² cross-section, along with the fittings and accessories needed for installation. Delivery is scheduled for the beginning of 2018. The point of delivery will be the ferry port of Sassnitz, Rügen, chosen last summer by E.ON as the logistics hub for this project.

The cables will connect the 60 wind turbines to each other and to the transformer platform. To cope with the high currents produced when a series of wind turbines are interconnected, Nexans 33 kV submarine cables with a large 800 mm² cross-section will be used at Arkona for the first time.

The Arkona order is the first contract for submarine cables between E.ON and Nexans Deutschland. In addition to the product quality, it was, first and foremost, Nexans' experience in the field of medium-voltage submarine cables as well as the numerous high-profile projects the company has supplied in recent years that secured the contract for the Hanover plant.

E.ON will have responsibility for building and operating the wind farm. The energy company Statoil will have a 50-percent stake and be involved in the project from the start.



(Photo: Nexans)

Nexans Germany

Nexans Germany is one of the leading cable manufacturers in Europe. The company is offering an extensive range of high performance cables, systems, and components for the telecommunications and energy sectors, rounded off by superconducting materials and components, Cryoflex transfer systems and special machinery for the cable industry. Producing at manufacturing plants with 11,440 employees in Germany and abroad, the sales in 2015 amounts to 966 Mio Euro. The full integration into the Nexans Group Nexans Germany also benefits from excellent opportunities to use the available synergies in all corporate fields, which not only applies to worldwide projects but also to research and development, the exchange of know-how, and to other areas. More information on www.nexans.de

PRESS RELEASE

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