

DONG CHOOSES NEXANS SUBSEA CABLE TO LINK HORNSEA PROJECT ONE OFFSHORE WIND FARM

Order for 139 km of three-phase 34 kV subsea cable for the array cabling of the first construction phase of the 1.2 gigawatt wind farm

Paris, December 14, 2016 – Danish company DONG Energy Wind Power A/S has contracted Nexans to supply and terminate a total of 139 km of three-phase subsea cable for the first of three construction phases of the Hornsea Project One wind farm, located off the Yorkshire coast. The 34 kV cables of latest generation will be used for inter-linking a total of 58 wind turbines and connecting them to the offshore transformer station. This first stage of the wind farm, on which construction began in January, is expected to be operational within approximately three years and to produce 406 MW (1.2 GW for all three construction stages). The supply and termination of the Nexans cable will begin in spring 2018 and should be completed around a year later.

Particular features of the wind farm, which will be erected at a depth of 20 to 40 metres, are its size and distance from the coast, in addition to its output. It will be the largest offshore windfarm in the world, capable of meeting the annual electricity needs of well over one million homes and the farm is approximately 120 km from the English coast. For the first time in such a project, the teams from Nexans will be accommodated on board a supply vessel in the vicinity of the project and work in an adapted shift rotation so that they do not have to cover the large distance every day.

DONG has already used cable supplied by Nexans for several other offshore wind farms. Subsea cables from the Nexans plant in Hanover are already in operation at the Anholt wind farm (Denmark), West of Duddon Sands and Westernmost Rough (Great Britain) and many more. The long-term business relationship was consolidated in autumn 2014 with the signing of a new framework agreement for offshore array cabling. The supply of cable and accessories, as well as installation, for Hornsea Project One is a call-off from that framework agreement. In addition, the teams from Nexans will install the internal cabling of all three transformer stations for Hornsea Project One in their building yards.



The 1.2 GW Hornsea Project One wind farm will take up an area roughly as large as that of Cologne and will produce approximately enough energy to power well over one million homes. (Image source: DONG)



The 34 kV medium-voltage cable for the Hornsea Project One wind farm contains optical fibres for communication alongside three energy cables. (Image source: Nexans)

About DONG Energy

DONG Energy is one of the leading energy groups in Northern Europe. Our business is based on procuring, producing, distributing and trading in energy and related products. Headquartered in Denmark, DONG Energy has around 6,500 employees, including over 600 in the UK. The Group generated DKK 67 billion (EUR 9.0 billion) in revenue in 2014. For further information, see www.dongenergy.co.uk.

About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low-environmental-impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

Nexans is an active member of Europacable, the European Association of Wire & Cable Manufacturers, and a signatory of the Europacable Industry Charter. The Charter expresses its members' commitment to the principles and objectives of developing ethical, sustainable and high-quality cables.

Nexans, acting for the energy transition, has an industrial presence in 40 countries, commercial activities worldwide, is employing close to 26,000 people and generating sales in 2015 of 6.2 billion euros. Nexans is listed on Euronext Paris, compartment A.

For more information, please consult: www.nexans.com

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