



**Press release**

## **Nexans wins 100 million Euros power cable contract for the London Array offshore wind farm project**

*High voltage subsea power export cables will connect the world's largest wind farm to the UK grid*

**Paris, December 12, 2009** – Nexans, the worldwide leader in the cable industry, has won a contract worth approximately 100 million Euros to design, manufacture and supply the high voltage (HV) subsea power export cables that will connect the London Array wind farm to the UK grid. The contract was placed with Nexans by the consortium of DONG Energy, E.ON and Masdar, which is currently building the world's largest offshore wind farm in the Thames Estuary.

The London Array wind farm is being installed on a 233 km<sup>2</sup> site located around 20 km off the UK coast. Construction is taking place in two phases: the first phase of 630 MW, consisting of 175 turbines, is expected to be completed and generating in 2012; the future second phase will add capacity to bring the total to 1,000 MW and will supply enough power for around 750,000 UK homes.

The power export cable contract comprises the design, manufacture and supply of four 150 kV XLPE submarine power cables to be laid in parallel, each 53 to 54 km in length, with three copper core conductors with a cross-section of 630 mm<sup>2</sup> for the main length and 800mm<sup>2</sup> at each cable end. Nexans will deliver two of the cables in 2011, and two in 2012, all being delivered in single continuous lengths from Nexans' factory in Halden. The cables will also incorporate fibre optic elements manufactured at the Nexans factory in Rognan, Norway. In addition, the contract also includes the cable accessories such as repair joints and terminations.

*"This new contract is the result of several years of Nexans involvement in the offshore wind sector in general and in the UK in particular. We are happy to demonstrate once again with this major contract Nexans' ability to provide key cable solutions for a better deployment of wind farm infrastructures",* says Krister Granlie, Managing Director of Nexans' Umbilicals & Submarine High Voltage Business Group.

*"World-leading schemes such as London Array demonstrate why the UK is currently regarded as one of the pace-setters in offshore wind energy, and we are very proud to be co-operating in this prestigious project with some of the key developers in this dynamic market",* says Frédéric Vincent, Nexans CEO.

## **The offshore wind farm market: a great potential for growth**

Over the past four years, Nexans' share of the offshore wind farm market has tripled in size. Considering current political and financial incentive policies, particularly in Europe, this market should gain importance in the future.

In this market, Nexans offers complete turnkey solutions for its clients, from manufacturing in its specialized production unit based in Norway to installation using advanced, dedicated systems designed in-house. High voltage cables for typical offshore projects are usually produced in one single length of about 50 km long – which requires specific industrial know-how and manufacturing technology - and they can weigh up to 120 kg per meter of cable according to the conductor cross-section. A single cable can weigh up to 7,000 tons.

Over the past few years, Nexans has demonstrated its expertise through participation in many offshore wind farm projects worldwide: Barrow, Horns Rev, Lynn and Inner Dowsing, Wolfe Island, etc.

Recently, the Group has also proved its technological commitment to the continued development of the offshore wind farm market by supplying and installing the submarine power cable for the world's first floating wind turbine in Norway.

### **About Nexans**

With energy as the basis of its development, Nexans, the worldwide leader in the cable industry, offers an extensive range of cables and cabling systems. The Group is a global player in the infrastructure, industry, building and Local Area Network markets. Nexans addresses a series of market segments from energy, transport and telecom networks to shipbuilding, oil and gas, nuclear power, automotive, electronics, aeronautics, handling and automation. With an industrial presence in 39 countries and commercial activities worldwide, Nexans employs 22,400 people and had sales in 2008 of 6.8 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. More information on [www.nexans.com](http://www.nexans.com).

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