



## **Cabling solutions for onshore wind farms**

# NEXANS OFFERS A WIDE RANGE OF PRODUCTS AND SERVICES FOR WIND FARMS

**Nexans, a worldwide leader in the cable industry can offer wind park owners, developers and installers, a complete range of high performance cables, accessories, pre-terminated leads, conductors and associated products.**

Our experience in both onshore and offshore wind cabling has enabled us to develop a package of products to suit wind parks from a single turbine installation, right up to the largest multi-turbine wind parks on land or sea.

We manufacture our products around the world using skilled experts to ensure both value and performance are always achieved.

This is replicated by having locally based expertise in the design, selection, logistics and after sales service which is vital for any wind park project.

Nexans can assist developers and installers to effectively deliver wind farm projects from inception through to completion.



## Design & Advice at the planning stage:

- Selection of cable types to ensure optimal performance and adherence to electrical parameters required.
- Cable Design and manufacturing to customers exact standards, or to any international / national standard
- Advice on optimal logistic solutions; cable lengths, drum sizes and production planning to allow deadlines to be met.
- Advice on general factors affecting cost and performance in delivering wind farm projects

## Logistics Management at the build phase:

- Supply of a package of cables and accessories to reduce procurement costs and reduce deliveries by combining cable type deliveries on one truck
- Storage facilities – we offer the capability to store cable in our secure premises in the UK to reduce storage compound size and security issues at site
- Staged deliveries – delivering cable as and when required to minimise space and security issues

- Wide range of delivery options such as self offloading vehicles and special trucks for sites with limited access
- Empty drum return service
- Buy Back Service– Nexans will buy back any useful residual lengths (subject to terms and conditions)

## NEXANS MANUFACTURE A WIDE RANGE OF POWER AND CONTROL CABLING PRODUCTS FOR USE ON WIND FARMS

### Our Product offer comprises of:

- HV Cable Systems ( to 400kV)
- MV Cables ( 6 – 36kV )
- LV control & power cables
- Bare copper conductor for use in earthing and lightning protection systems
- Cable Accessories
- Pre-terminated leads for connections inside the turbine towers and nacelles
- Fibre optic and copper cables for use on SCADA (Supervisory Control And Data Acquisition) systems

**Key**

- MV Power Cable
- Fibre Optic Cable
- Bare Copper Conductor
- LV Power Cable



## Global expert in cables and cabling systems

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With energy as the basis of its development, Nexans is a global player in the infrastructure, industry, building and Local Area Network (LAN) markets.

As a worldwide leader in the cable industry, it offers an extensive range of cables and cabling systems to raise industrial productivity, improve business performance, enhance security, enrich the quality of life, and assure long-term network reliability.

With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 23,700 people and had sales in 2010 of 6 billion euros.