



## Press Release

ENERGAÏA 2009  
Le Parc des Expositions, Montpellier  
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Hall 12, Stand B301

### **Nexans presents high added value Energyflex® cable solutions for solar photovoltaic installations**

*Specifically designed to connect photovoltaic panels to inverters, Energyflex® cables constitute a reliable, recyclable and durable solution for the solar energy*

**Montpellier, December 9, 2009** – Nexans, the worldwide leader in the cable industry, regards its capability to support the cable needs of renewable and clean energy projects as a key strategic issue. Visitors to the Nexans stand (B301 in Hall 12) are invited to see how the specialized Energyflex® range provides a durable, high performance connection between photovoltaic (PV) panels and the inverters that transform solar energy into usable AC electricity. This special range of products answers the market demand with its lifetime reliability, its outdoor durability and its high-performance.

#### **Energyflex® cables**

Nexans Energyflex® PV cable for solar panels provides high-performance, easy installation, long-term reliability and recyclability at the end of its service life. Manufactured from polyolefin, this double-insulated, single-wire cable will carry 0.6 to 1 kV DC efficiently and for many decades. It offers characteristics that not only meet current regulations and certifications (such as TUV and France's UTE 32-502) but surpasses many requirements in terms of temperature resistance, outdoor survival when exposed to ozone and UV light, resistance to rodent or insect attack and long-term operability. Energyflex® cables feature halogen-free compounds that ensure optimum fire protection for rooftop installations, while meeting the latest RoHS directives restricting the use of hazardous substances in electrical and electronic equipment.

Moreover, with its latest **Energyflex® Plus** range, Nexans is now one of very few cable manufacturers to offer a solar energy cable with dual TUV and UL approval. This enables Nexans to address the North American market as well as module OEMs.

*“According to International Energy Agency, renewable energies will account for 22% in the power generation mix in 2030, and amongst renewable energies sources, solar should definitely experience the fastest rate of growth. As a cable supplier, Nexans is well positioned to play a major role in the solar field, mastering the latest technologies*

as well as the most advanced international standards”, says Rémy Le Fur, Nexans Marketing Manager for renewable energies.

### **Nexans offer for other renewable energies**

Beyond its offer for solar energy, Nexans also operates on the wind energy market through its enhanced wind energy cable solutions: Windlink®.

The Nexans Windlink® range features copper, aluminium, fibre optic cables and components that have been fully tested under live operating conditions and mechanical stresses to ensure compatibility and durability as a system, so they guarantee efficient generation of electricity for turbine manufacturers. To meet the specific needs of wind turbine OEMs for performance and reliability, the Windlink® range integrates complete cable solutions for wind turbines of all sizes, including power and control cables. It also includes special loop cables withstanding torsion, wide temperature variations, abrasion, vibration, ageing, oil and cooling fluids.

### **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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