

NEXANS' NEAR-INVISIBLE OVERHEAD LINE CONDUCTORS BLEND INTO NORWEGIAN NATURE RESERVE FOR STATNETT PROJECT

Nexans' coloured conductors produced by a unique surface treatment process will help Statnett meet growing energy demands in Norway through its new overhead line

Paris, June 22, 2016 - Statnett, Norway's state owned power system operator, has energised 68 km of Nexans' coloured conductors on its new overhead transmission line connecting central Norway to western Norway. The line will secure the supply of power in the region. Nexans' coloured conductors have been used on 8.5 km of the line that run through a protected nature reserve, allowing the cables to blend in with the environment.

Nexans has used a unique surface treatment to manufacture the green coloured aluminium wires. This helped the conductors blend in with the environment, making it more acceptable to local residents. The patented treatment process is able to produce different types of conductors in almost all colours, and in contrast to traditional coatings methods it has no adverse effect on the aluminium wire substrate, the conductors remain easy to connect and the colour will not deteriorate over time due to UV exposure.

The coloured conductors have undergone electrical and mechanical tests, and a complete system was assembled with implosive fittings to ensure the conductors will behave as expected.

The 420 kV line was constructed to reduce the 8 TWh energy deficit in central Norway by increasing the grid capacity between a region with energy surplus to central Norway.. The deficit is equivalent to the annual power consumption of 400,000 single family homes. Statnett's 297 km line will also facilitate around 100 small hydropower schemes to the grid between Ørskog and Fardal.

Steinar Beurling, Electromechanical engineer at Statnett said, *"We were looking for a solution that would allow us to reduce the energy deficit in central Norway, while maintaining the natural beauty in our country. Nexans provided a solution through its coloured conductors."*

Cyprien Federspiel, VP Sales & Marketing for Land High Voltage at Nexans added, *"Nexans is committed to increasing access to energy. As the only manufacturer with this offering, we are pleased to help Statnett reinforce Norway's grid."*

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.

We have an industrial presence in 40 countries and commercial activities worldwide, 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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