



Press Release

Innovative Nexans' overhead line will deliver more power to 300,000 people in São Paulo region, Brazil

New power transmission line between Jandira and Cotia is the world's first commercial installation of Lo-Sag™ conductors that use a carbon fiber composite core to save weight and double capacity

Paris, July 17, 2014, São Paulo metropolitan region, in Brazil, currently has approximately 20 million inhabitants. The region includes the city of Cotia that, including residential housing and large companies, is home to about 300,000 people.

Looking at ways to improve the service it offers to the region, a new power transmission line has been built by Eletropaulo (the main utility in the region) with Lo-Sag™, an innovative overhead conductor technology from Nexans. This thermally resistant design, based on a carbon fiber core, is both lighter and stronger than conventional conductors, as well as offering double the transmission capacity.

According to Sidney Ueda, Product Manager from Nexans Brazil, this is a pioneering installation. *"This is the world's first commercial installation of Lo-Sag and is an important landmark that follows the success of trial installations in Brasil and France."* He says that the main challenge was in adopting the solution to the amount of energy transmitted. *"There are 21 kilometers of 138 kV conductors used to create 3.5 kilometers of double circuit power transmission line"* he adds.

For the customer, Eletropaulo, Nexans' partnership during the project was a major contribution. *"Nexans was there with us from the project conception, helping to identify the best conductor"* said Amadeu Macedo, Eletropaulo specialist engineer. The new power line from Jandira to Cotia allows load relief on existing lines and increased benefits for the region. *"Because it is new, it is less susceptible to failures and interruptions in energy supply"* said Macedo.

In addition to the inhabitants of the region, the line will serve large companies that receive electricity at high voltage and also the training center of São Paulo Football Club, which hosted the Colombia team during the recent world cup.

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.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. For more information, please consult: www.nexans.com

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