

PRESS RELEASE

Nexans and Marais Laying Technologies Australia unite their forces for the construction of the largest onshore wind farm in Australia

- *Nexans and Marais Laying Technologies Australia, a Tesmec Group subsidiary, have partnered in a consortium to provide a complete collector cable service for Australia's Stockyard Hill Wind Farm;*
- *The consortium has been awarded a contract worth over 12 million euros (around 20 million AUD) by the project's contractor SNC-Lavalin to design, manufacture, supply, install and test 275 km of 33 kV collector cables for the 530 MW onshore wind farm that will be the largest in the Southern Hemisphere;*
- *The project relies on a unique design methodology for wind and solar farm collector networks developed to boost cost savings of the wind farm and supported by Nexans Research Center of Lyon;*
- *Trenching and laying of the 33 kV power cables, fiber optics and earthing cables for the first collector group of 13 turbines were started by Marais Laying Technologies Australia in the fourth quarter of 2018.*

Paris La Défense, December 10, 2018 – Nexans, a global leader in advanced cabling and connectivity solutions, and Tesmec S.p.A., at the head of a group leader in the market of infrastructures related to the transport and distribution of energy, data and materials, today announced that the consortium between Nexans and Tesmec's subsidiary Marais Laying Technologies Australia has been selected by the Goldwind Australia's Stockyard Hill project's Balance of Plant contractor SNC-Lavalin and WHBO joint venture to provide a complete collector cable service. The contract covers the design, manufacturing, supply, installation and testing of the cable network and is worth over 12 million euros (around 20 million AUD), of which approximately 5.2 million euros (around 9.1 million AUD) will be attributed to Nexans.

Marais Laying Technologies Australia brings to the consortium its expertise in the automated trenching and laying of long lengths of single-core cable. The Marais SMC 200 R Trencher will be used to cut around 130 km of narrow trench while simultaneously laying the cables and backfilling. The highly automated approach provides close control of the trenching process. This enables the cross-section of the trench to be minimized while still providing the protection essential to maintain the cable ratings, so that less sand is used in the construction of the wind farm.

For the Stockyard Hill project Nexans is providing its range of Nexans WINDLINK® solutions consisting of a variety of 33 kV power cables manufactured at Nexans China facility in Yanggu, China, with aluminium conductor cross-sections ranging from 95 mm² to 1,000 mm². Building on its industry-leading expertise in network engineering, Nexans offers a unique capability to manufacture the cables in long continuous lengths, allowing for an optimized cable network layout with a minimum number of joints. As part of its complete end-to-end service, Nexans Olex subsidiary Nexans Australmold is also supplying the underground junction cabinets for the cables, the indoor terminations for the substation connections and the tower end ring main unit (RMU) connections.

A total of 275 km of 33 kV Nexans WINDLINK® cables will be installed in trenches to collect the electricity produced by the individual wind turbines and feed it into three 33/132 kV substations that will connect the wind farm to the local grid.

As the medium voltage (MV) collector system is one of the key expenditures in wind and solar farm projects, the Nexans and Marais Laying Technologies Australia consortium also created a unique design methodology to help Goldwind Australia address its CAPEX and OPEX challenges at Stockyard Hill. Supported by Nexans Research Center in Lyon, France, the new

integrated service allows to optimise the turbine collector grouping and MV system layout, design trench cross-sections, and choose the appropriate cables and accessories for the project. By avoiding splitting the design work among different companies involved in wind and solar farm construction, the service allows developers to exploit the existing synergies within their projects and consequently optimize the final costs all with a unique collector system warranty.

For instance, in the case of the Stockyard Hill project, the design optimization service has allowed to take into account the detailed analysis of the soil thermal resistivity and its effect on cable temperature and has led to the redesign of the MV collector system to reduce the length and dimensions of trenches while protecting cable current ratings.

“We are delighted to bring our cutting-edge integrated solutions for underground network installation and existing network management to this ambitious project. This contract confirms the technological know-how Tesmec developed in the energy sector and renewable energy plants in particular,” commented **Tesmec Chairman and CEO Ambrogio Caccia Dominioni**. *“This contract is the cornerstone of our partnership with Nexans that lays the foundation for our larger cooperation worldwide.”*

“The Stockyard Hill Wind Farm is a perfect example of Nexans’ commitment to creating value for our customers by driving CAPEX and OPEX savings across their renewable energy projects,” said **Veronique Stappers, Strategic Marketing Director for Industry & Solutions Business Group**. *“We are honoured to join our forces with Tesmec in order to contribute to making wind and solar farm projects more competitive while driving the enhanced performance of the assets.”*

Trenching and laying of the 33 kV power cables, fiber optics and earthing cables for the first collector group of 13 turbines started in the fourth quarter 2018.

The 530 MW Stockyard Hill Wind Farm promises to be the largest wind farm in Australia and the Southern Hemisphere. The wind farm will have 149 turbines capable of producing enough electricity to power around 390,000 homes while also helping the state to save around two million tonnes of CO₂ emissions a year. Located 35 km west of Ballarat in Victoria’s central highlands, the project is expected to create up to 300 jobs during construction peaks on site and employ up to 25 permanent maintenance staff once the wind farm is complete.

About Nexans

As a global leader in advanced cabling and connectivity solutions, Nexans brings energy to life through an extensive range of best-in-class products and innovative services. For over 120 years, innovation has been the company’s hallmark, enabling Nexans to drive a safer, smarter and more efficient future together with its customers.

Today, the Nexans Group is committed to facilitating energy transition and supporting the exponential growth of data by empowering its customers in four main business areas: Building & Territories (including utilities, smart grids, e-mobility), High Voltage & Projects (covering offshore wind farms, submarine interconnections, land high voltage), Telecom & Data (covering data transmission, telecom networks, hyperscale data centers, LAN), and Industry & Solutions (including renewables, transportation, Oil & Gas, automation, and others).

Corporate Social Responsibility is a guiding principle of Nexans’ business activities and internal practices. In 2013 Nexans became the first cable provider to create a Foundation supporting sustainable initiatives bringing access to energy to disadvantaged communities worldwide. The Group’s commitment to developing ethical, sustainable and high-quality cables drives its active involvement within several leading industry associations, including Europacable, the National Electrical Manufacturers Association (NEMA), International Cablemakers Federation (ICF) or CIGRE to mention a few.

Nexans employs more than 26,000 people with an industrial footprint in 34 countries and commercial activities worldwide. In 2017, the Group generated 6.4 billion euros in sales. Nexans is listed on Euronext Paris, compartment A.

For more information, please visit: www.nexans.com

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About Tesmec Group

Tesmec Group is leader in designing, manufacturing and selling of systems, technologies and integrated solutions for the construction, maintenance and efficiency of infrastructures related to the transport and distribution of energy, data and material. In details, the Group is active in the following sectors: 1) transmission and distribution power lines (stringing equipment for the installation of conductors and the underground cable laying, electronic devices and sensors for the management, monitoring and energy automation); 2) underground civil infrastructures (high powered tracked trenchers for linear excavation of oil, gas and water pipelines, telecommunication networks and drainage operations; surface miners for bulk excavation, quarries and site preparation; specialized digging services); 3) railway lines (railway equipment for the installation and maintenance of the catenary and for special applications, e.g. snow removal from track; new generation power unit).

The Group, established in 1951 and led by Chairman & CEO Ambrogio Caccia Dominioni, relies on more than 800 employees and has the production plants in Italy - in Grassobbio (Bergamo), Endine Gaiano (Bergamo), Sirone (Lecco), Monopoli (Bari), in the USA, in Alvarado (Texas) and in France, in Durtal, as well as three research and development units respectively in Fidenza (Parma), Padua and Patrica (FS). The Group also has a global commercial presence through foreign subsidiaries and sales offices in USA, South Africa, Russia, Qatar, Bulgaria, China and France.

The know-how achieved in the development of specific technologies and solutions, and the presence of engineering teams and highly skilled technicians, allow Tesmec to directly manage the entire production chain: from the design, production and sale of machinery, to all pre-sales and post-sales. All product lines are developed in accordance with the ISEQ (Innovation, Safety, Efficiency and Quality) philosophy, with environmental sustainability and energy conservation in mind.

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