PRESS RELEASE

Nexans wins AMSC contract for Chicago's Resilient Electric Grid project

- *New contract to produce medium voltage HTS (high temperature superconductor) cable*
- *Resilient Electric Grid (REG) project plans for superconductor cables to interconnect assets in downtown Chicago to improve resiliency of the electrical grid against extreme weather or other catastrophic events.*

Paris La Défense, June 18, 2020 Nexans has been awarded a contract by AMSC to produce a cable for the Resilient Electric Grid (REG) project in Chicago, US. The cable, together with a special jointing system, will be deployed in a Commonwealth Edison (ComEd) substation.

AMSC and ComEd, one of the largest electric utilities in the U.S., entered into a commercial contract as part of the ongoing U.S. Department of Homeland Security (DHS) Science and Technology Directorate's initiative to secure the United States' electric grid against extreme weather and other catastrophic events. The high current density of the REG cable is a key advantage for ComEd, as it enables a very compact installation footprint that is ideally suited for creating new power links in densely populated urban areas where space is at a premium.

The REG system provides protection against catastrophic effects resulting from the loss of critical substation facilities in urban areas by interconnecting and sharing excess capacity of nearby substations, while preventing high fault currents. The result is enhanced protection from cascading failures and widespread power outages on the power grid. The design selected for the REG project also has a low environmental impact as there is near zero thermal and electromagnetic fields.

Using Amperium superconductor wire manufactured by AMSC, Nexans will manufacture the cable for the REG project at its specialized superconductor facility in Hannover, Germany. The cable installation in Chicago, US is scheduled for the end of 2020.

"We are delighted to be working with AMSC to take Chicago's REG superconductor cable project to the next phase," says Jérôme Fournier, Chief Technical Officer for Nexans. *"This project will provide further practical evidence that superconductors offer a fully realized, commercial solution to reinforce heavily-loaded power networks in urban areas worldwide."*

About Nexans

Nexans is a key driver for the world's transition to a more connected and sustainable energy future. For over 120 years, the Group has brought energy to life by providing customers with advanced cable technologies for power and data transmission. Today, Nexans goes beyond cables to offer customers a complete service that leverages digital technology to maximize the performance and efficiency of their critical assets. The Group designs solutions and services along the entire value chain in four main business areas: Building & Territories (including utilities and e-mobility), High Voltage & Projects (covering offshore wind farms, subsea interconnections, land high voltage), Telecom & Data (covering data transmission, telecom networks, hyperscale data centers, LAN), and Industry & Solutions (including renewables, transportation, oil and gas, automation, and others).
Corporate Social Responsibility is a guiding principle of Nexans' business activities and internal practices. In 2013 Nexans was 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 also drives its active involvement within leading industry associations, including Europacable, the NEMA, ICF and CIGRE.
Nexans employs nearly 26,000 people with an industrial footprint in 34 countries and commercial activities worldwide. In 2019, the Group generated 6.7 billion euros in sales.
Nexans is listed on Euronext Paris, compartment A.

For more information, please visit: www.nexans.com & follow us on:

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