



NEWS RELEASE

nVent Introduces Instant Lightning Registration System for Wind Turbines

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LONDON--(BUSINESS WIRE)-- nVent Electric plc (NYSE:NVT) ("nVent"), a global leader in electrical connection and protection solutions, today announced the launch of its nVent ERICO **Lightning Registration System**, which records and instantly reports a strike occurrence and its severity experienced by onshore and offshore wind turbines.

A Better, Faster Way

Currently, most lightning registration systems record the strike on a card that must be sent off-site to a third party for a reading, which can take days or even weeks. The nVent ERICO Lightning Registration System is designed for ultimate ease of use in the field. It features the Lightning Card, Card Holder and Card Reader. The card fits in the holder which attaches to the turbine blade down conductor using ordinary cable ties. The Lightning Card is calibrated to measure up to 300 kiloamps (kA) of current and has its own serial number so data can be associated to specific locations and installation times.

The Card Reader is then used to determine the maximum current to which a card has been exposed. The reader adapts to most smartphones and tablets and interfaces with an nVent app for Apple®* and Android™*. Turbine technicians can quickly pull a card from its holder, swipe the card using the reader, and know the magnitude of the peak strike in a matter of seconds, all on site.

"By making lightning registration mobile, nVent is helping wind farm operators prioritize maintenance, repair and overhaul (MRO) workflows and minimize costs," said Matt Flemming, vice president, nVent ERICO & ERIFLEX.

Extremely Accurate Readings

With the Lightning Registration System, users are assured their data is highly accurate within ± 20 percent of the actual peak strike. By knowing the severity of the strike, maintenance teams can make better informed decisions

about turbine upkeep. Consider that 91 percent of all lightning strikes are about 10 kA of current, with more powerful strikes registering 100 kA and above, this data helps users to better understand how much energy the structure and its components may have absorbed.

Contact your local nVent ERICO representative to see the Lightning Registration System in action and to discuss strategies for streamlining turbine inspection. Product details are available at **nVent.com/ERICO** where visitors can also check out digital and mechanical lightning event counters for recording the quantity, hour and date of lightning strikes.

Download nVent ERICO Lightning Registration System media assets **here** .

*Apple is a trademark of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC.

About nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high-performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London, United Kingdom, and our management office in the United States is in Minneapolis, Minnesota. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER.

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