
CIREN 2017, GLASGOW, THE UK, JUNE 12-15, 2017

ABB showcases innovative medium-voltage and digital technology solutions for distribution networks

The pioneering technology leader, ABB, will showcase its technology innovations that support smarter and safer power across the entire energy distribution chain at CIREN 2017, from stand G08

At the bi-annual event, to be held this year in Glasgow, participants from all over the world will gather to interact and learn about the latest developments in distribution technology. ABB will exhibit a variety of technologies to support its commitment to safer, cleaner and more sustainable power distribution.

“At CIREN this year we will present some of our pioneering green technologies to help safeguard future generations,” said Bruno Melles, Managing Director of ABB’s medium voltage product business. “At this exhibition we will highlight our eco-efficient solutions, which deliver unique value to our customers and through greater connectivity and digitization offer improved performance and reliability, translating to reduced downtime for our customers.”

At the event, ABB will present its pioneering AirPlus™ technology, offering a green alternative to SF₆ as the insulation medium in gas-insulated switchgear (GIS). There are two medium-voltage products available with AirPlus, SafeRing AirPlus and ZX2 AirPlus. These provide businesses with an alternative to SF₆ to help them reduce their environmental impact. AirPlus is a fluoroketone-based gas mixture, which has a global warming potential (GWP) of less than one, while SF₆ is a potent greenhouse gas. You can see ZX2 AirPlus on display at the ABB booth.

ABB will also present its outstanding sensor technology, providing benefits to customers seeking smart grid and digital switchgear solutions. With more than 17 sensor product families and 56 different product variants, ABB is able to satisfy applications from primary to secondary distribution air- and gas-insulated switchgear. On display at the booth is also the UniGear Digital switchgear solution, which is based on the renowned UniGear SZ1 switchgear and proven components: current and voltage sensors, protection and control relays from the Relion product family and IEC 61850 communication.

Visitors at the booth will also have a chance to familiarize themselves with a next generation-based approach for power system protection: a new concept for smartly automating distribution substations. Visitors are also encouraged to take the opportunity to learn about the benefits of MySiteCare and MyRemoteCare, two service offerings that form part of the ABB Ability™ digital offering.

For more information please contact:

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There will be many other products on display at the booth:

- The distribution automation systems for basic and advanced distribution networks offering comprises complete engineered systems, ready-to-use engineered packages and high-class loose products. The automation can be applied at the field level for existing pole-mounted reclosers, disconnectors and breakers, at substation level too for secondary switchgear and ring main units (RMU) or at the SCADA level in network control centers. ABB Distribution Automation Systems can improve grid reliability and efficiency due to improved control and visibility of the grid.
- Modern interoperable wireless communication networks enable distribution utilities to implement smart grid applications including distribution automation (DA), substation automation (SA), smart metering, physical security and mobile workforce automation.
- ABB Ability™ Connected Asset Lifecycle Management™ is the new cloud platform for optimizing asset longevity, reliability and performance. The solution enables organizations to proactively predict, prescribe and prioritize asset maintenance activities, reducing unplanned downtime and costs.
- The Network Manager ADMS (Advanced Distribution Management System) is an integrated solution for distribution management, which also includes outage management capabilities that enable utilities to reduce the impact of outages.

So why not visit CIRED, which takes place from Monday 12 to Thursday 15 June at the Scottish Exhibition and Conference Center in Glasgow. CIRED is the leading forum where the Electricity Distribution Community meets every two years, offering the opportunity for face-to-face interaction with up to 1,500 key leading decision makers in the field of Electricity Distribution.

About ABB Ability™

From advanced diagnostics that prevent unplanned downtime to the control of individual wind turbines, ABB Ability enables utility providers and wind operators to know more, do more, do better, together. Our industry-leading digital capabilities are combined with decades of experience with utilities. This includes over 120 years of experience across the electricity value chain, more than 50,000 experts currently on our team, 7,000 distributed control systems and 5,000 power installations worldwide. new.abb.com/abb-ability

About ABB

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 132,000 employees. www.abb.com

Note:

GWP: The global warming potential describes how much heat a greenhouse gas traps in the atmosphere. It compares the amount of heat trapped by a certain mass of the gas in question to the amount of heat trapped by a similar mass of carbon dioxide. GWP is expressed as a factor of carbon dioxide.

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