

ABB takes transformer intelligence to the next level with innovative service solution

Smart, sensor based technology enables utility and industrial customers to optimize and manage transformer assets, enhancing performance, reducing costs and extending lifetime

Zurich, Switzerland, March 3, 2015 – ABB, the leading power and automation technology group, today launched Transformer Intelligence™, its innovative sensor based monitoring solution for transformer assets, at its US Automation and Power World event in Houston, Texas.

Making transformers more intelligent enables condition-based maintenance and reduces costs. At the same time, the improved insights help enhance performance, reduce failure risks and extend lifetime.

ABB's solution is based on the next generation of its online monitoring system CoreTec™ which keeps a close watch on a transformer's mission-critical functions and performs a complete evaluation of its operating conditions. It can also simulate future service conditions and forecast their impact on transformer lifetime, enabling predictive maintenance.

ABB has now enhanced its Transformer Intelligence™ solution with the CoreSense™ sensor which continuously records hydrogen and moisture and provides CoreTec with real-time data to optimize transformer management. ABB's latest innovation can be deployed with existing and new transformers.

"This is yet another example of ABB's transformer lifecycle support philosophy and commitment to service" said Markus Heimbach, head of ABB's Transformers business, a part of the company's Power Products division. "Our domain knowledge and century long experience as a global leader in transformer technology enables us to develop innovative solutions that support our customers in managing their assets more efficiently and help drive the evolution of smarter grids."

ABB offers a complete range of power and distribution transformers designed for reliability, durability and efficiency. ABB is a major transformer manufacturer throughout the world and offers both liquid-filled and dry-type transformers as well as services for complete lifecycle support, including replacement parts and components.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

For help with any technical terms in this release, please go to: www.abb.com/glossary

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