ABB’s UniGear Digital powers a research center in the Czech Republic

The innovative solution in MV switchgear supports researchers in their work.

The Regional Innovation Centre for Electrical Engineering (RICE) at Czech Republic’s University of West Bohemia has chosen ABB’s innovative UniGear Digital solution for its new research center.

Developed and produced at ABB’s medium-voltage (MV) factory in Brno, Czech Republic, UniGear Digital is the new MV switchgear that combines well-proven switchgear design with an advanced approach to protection, control, measurement and digital communication. It is based on an optimized integration of current and voltage sensors into MV switchgear, combined with the latest Relion® protection relays and IEC 61850 communication.

RICE aspires to become one of the foremost research facilities in the Czech Republic and Europe. RICE’s primary research areas include E-mobility and complex transport systems, power engineering and molecular electronics and sensors.

The project was awarded in cooperation with Zlínstav a.s. and Cofely a.s. both Czech engineering, procurement and construction companies. Commissioning is scheduled for beginning of the year 2015.
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