



## Protection tests in medium voltage systems with voltage and current sensors



 1 hour

 English

 Wcbr17en

In this webinar, you will first receive an overview of voltage and current sensors in medium voltage. The path of the signal from the sensor to the protection device will be demonstrated and verified and the signals will be displayed using EnerLyzer Live.

We will show you how to connect OMICRON's LLX1 test accessory during protection testing in such systems and how to perform tests using OMICRON's RelaySimTest and Test Universe software. This will also be demonstrated live in a practical demonstration.

### Targets

- > You will get an overview of voltage and current sensors in medium voltage
- > You can understand and verify the signal transmission from the sensor into the protection device
- > You have an overview of accessories and software for protection testing in medium-voltage systems

### Contents

- > Brief theoretical overview of voltage and current sensors in medium voltage
- > Signal transmission between sensor and protection device
- > OMICRON testing accessories and software for testing in medium voltage systems
- > Practical demonstration of the protection test

### Solutions

MC test equipment  
RelaySimTest, Test Universe  
EnerLyzer Live

### Group of participants

Distribution system operators,  
municipal utilities Industrial  
companies and service companies

### Prior knowledge

Fundamentals of electrical  
engineering