GRID AUTOMATION TRAINING

Busbar protection REB670
Course SEP673

Course goal
The goal of this course is to learn the structure, concepts and functions of REB670. Participants will practice device configuration and parameterization with the help of the PCM600 tool.

The course combines both theoretical lectures and practical exercises.

Learning objectives
Upon completion of this course the participants should be able to:

- Describe functions in REB670.
- Understand different REB670 application examples.
- REB670 CT set-up and zone selection.
- Local Human Machine Interface (LHMI)
- Typical scheme designs.

The exercises make use of modern numerical test sets. Test will be done to verify the setting and configuration of REB670.

Participant profile
This training is targeted towards users who already know the fundamentals of protective relay theory and who have a desire to know the functions of REB670.

Furthermore, they should have participated in course SEP601 Protection and control IED manager PCM600 or have corresponding knowledge. This as previous knowledge concerning how to use the PCM600 tool is required when working with the exercises. Also, be aware that all scheduled courses will be in English.

Prerequisites
Participants should know the fundamentals of working with control systems and electrical power networks.

Topics
- Theory and functions of REB670
- REB670 applications
- Configuration, setting and testing of REB670 Busbar protection functions
Course type and methods

This is an instructor led course with interactive classroom discussions and associated exercises. Approximately 60% of the course is hands-on activities.

Duration

The duration of the course is 2 days.