GRID AUTOMATION TRAINING

Busbar protection REB500
Course SEP503A

Course goal
The participants acquire in-depth product knowledge that enables them to implement station protection solutions in practice. They are using the operating program HMI500 REBWIN to manage structure and configure of a protection application.

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

- Understand the product/system architecture
- Describe the tool environment and installation
- Configure device hardware, alarms and event handling
- Implement protection application solution
- Configure fault recording function handling
- Configure the communication interface
- Implement modifications in the system
- Test and verify the implemented application examples

Participant profile
This training is targeted towards users who want to learn Busbar protection REB500 and HMI500 operating program

Prerequisites
Participants should know the fundamentals of working with protection systems and have a basic knowledge of Windows.

Also, be aware that all scheduled courses will be in English.

Topics
- Product/system architecture - HW/SW structure, system layout and components
- Operating program overview and concepts
- Create function block diagram with signal configuration
- Testing of products or system - Application verification, trouble-shooting and diagnostic

Course type and methods
This is an instructor led course with interactive classroom discussions and associated exercises. Approximately 70% of the course is hands-on activities.
Duration
The duration of the course is 3 days.