

High Voltage Bus Bar Protection & Breaker Failure

Date

07 December -11
December 2025

Dubai

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3200

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Course Overview:

Bus bar protection principles is given starting from simple interlocking schemes for single-income distribution bus bars, to high-end microprocessor based protection schemes. The new solution is discussed in details including architecture, reliability, dependability, speed of operation, security on external faults, case of configuration and cost. Lastly, the basic application principles for protection of complex bus bars are presented.

Upon completion of this course, students will be able to:

- Calculation of relay settings
- Application of settings
- Testing of relay
- Breaker failure protection

who should attend?

Engineers working within the protection field (e.g. maintenance of relays)

Course Outlines:

- NEED OF CAPACITOR BANKS
- Introduction To Protection.
- Bus Bar Schemes.
- Types Of Bus Bar Protection
- Bus Bar Protection
- Ct And Pt.
- Breaker Failure Protection

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops

- Simulation



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