GETTING STARTED WITH PROTECTION RELAYS
1-day Training Course

WHAT WILL I LEARN?: After this training course power engineers will be able to select, implement and set a digital, multifunctional protection relay. Besides that, they will know how to test the settings.

SCHEME: A specific relay will be the example. The trainer has experience with modern protection relays of GE Multilin, Schneider Sepam, Beckwith Electric, ABB, SEL and Alstom (GEC).

COURSE CONTENT: • Specifications & Ordering Key
• Mechanical installation and electrical wiring diagram
• Local Control and HMI software
• Basic Settings (Relay / System Setup)
• Current Elements (differential, overcurrent, asymmetry, earth fault)
• Voltage Elements (V/Hz, under/over-voltage, under/over-frequency)
• Combined Elements (distance, reverse power, loss of field)
• Temperature Monitoring
• Protection System Monitoring (fuse loss, breaker failure)
• Status, metering, event logging, oscillography
• Testing of the settings

WHO SHOULD ATTEND?: Electrical engineers with general computer skills and some knowledge of power systems.

TRAINER: Hans Stutvoet MSc

LANGUAGE: English or Dutch

HAND-OUTS: Manual of the specific relay (PDF) will be used for reference.

DATE & LOCATION: This one-day training course is offered as an internal company course. The course dates will be determined in concert.

COURSE FEES: On request (depends on location and number of participants)

MORE INFORMATION: Call +31 6 22992403 or email hans.stutvoet@svri.nl