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4.5-day Foundation Course on "Power System Protection"

Tentative outline for on-site/off-site foundation course – can be customized for location, duration and content

Day 1 (AM): Power System Protection Fundamentals; Phasors, Polarity and Per Unit System

Day 1 (PM): Transducers - CT, PT, CCVT, RVD, Rogowski Coil; Merging Unit (MU)

Day 2 (AM): Symmetrical Components; Clarke Components

Day 2 (PM): Symmetrical Components Application

Day 3 (AM): Generator Protection; Transformer Protection

Day 3 (PM): Bus Protection; Breaker Failure Protection

Day 4 (AM): Transmission Line Protection and Fault Location

Day 4 (PM): Distribution System Protection, High Impedance Fault Detection and Fault location

Day 5 (AM): PMU; Centralized Protection and Control (CPC) within a Substation