

COURSE NO.

PROT-003**COURSE NAME**

Protection Setting Calculation

OBJECTIVES

This course is appropriate for electrical engineers who require a comprehensive understanding of the substation protection setting calculations.

COURSE DESCRIPTION

1. The protection theory and settings of over-current protection relay
2. Setting calculation principles of over-current protection relay
3. The protection theory and settings of transmission line protection relay
4. Setting calculation principles of transmission line protection relay
5. The protection theory and settings of transformer protection relay
6. Setting calculation principles of transformer protection relay
7. The protection theory and settings of busbar protection relay
8. Setting calculation principles of busbar protection relay

CUSTOMER BENEFITS

Upon completion, the course will provide

1. Comprehensive perception over various setting calculations
2. Wide range of theoretical coverage for Protection
3. Minimized workload and maximized equipment performance
4. Reduced inaccurate faults due to error

RELATED PRODUCTS

1. PCS-9611 over-current relay
2. PCS-902/931 transmission line relay
3. PCS-978 transformer relay
4. PCS-915 busbar relay

PREREQUISITES

Have a reasonable understanding of substation protection theory

TRAINING METHODS

100 % theoretical, Lecture and Discussion

DURATION

5 days

