

COURSE NO.

SACS-001

COURSE NAME

Substation Automation System

OBJECTIVES

Allow the participants to grasp the theory, application, typical system structure, operate, configure and maintain the SAS.

COURSE DESCRIPTION

1. Application, typical system structure and operation mechanism of SAS
2. Application, hardware platform and functions of BCU, LCD and interlocking configuration of BCU
3. Application, hardware module configuration and functions of PCS-9799 gateway
4. Configure PCS-9799 gateway through PCS-COM configuration tool
5. SAS software configuration including system configuration, graph modification and database modification, user account configuration etc
6. Setting of communication parameters and protocols for gateway, add and change of data transmitted to remote control center

CUSTOMER BENEFITS

Upon completion, the course will provide

1. Comprehensive conception over automation system
2. Wide range of substation automation application
3. Effective hardware and software configurations
4. Enhanced and flexible system configuration knowledge

RELATED PRODUCTS

1. PCS-9700 HMI
2. PCS-9705 Bay Control Unit
3. PCS-9799 Gateway

PREREQUISITES

Good knowledge over electrical power system and Digital communication.

General knowledge of substation control systems

TRAINING METHODS

30 % theoretical, Lecture, 70% Demo

DURATION

5 days

