

PMU COURSE DESCRIPTION

EcoStruxure PowerSCADA Operation (PSO) Project Deployment for System Integrators

Overview

The PowerSCADA Operation Deployment course provides students with the resources to successfully commission a basic PSO system. Students will collect information from the customer, prepare the server and operating system, install PowerSCADA Operation, and program the software to meet the customer's needs.

Duration

4 Days (M-W 8am-5pm / Th 8am-3pm). *Please book departing flights for 5pm or later on the last day of class.*

Who should attend

This training course is an integral part of the complete Schneider Academy curriculum. This course is designed for:

- Solution Application Engineer
- System Integrator / Partner
- Services Engineer / Technical Support L1/L2/L3

Prerequisites

- Be familiar with the concepts of power monitoring
- Be familiar with the concepts of energy management
- Be familiar with Microsoft Windows
- Have basic knowledge in networking and communication

Students will be able to

- Describe the architecture of a PowerSCADA Operation system
- Describe the commissioning steps to deploy PowerSCADA Operation
- Perform an installation of Power Monitoring Expert
- Develop custom Modbus device types and profiles
- Add devices to PowerSCADA Operation per the customer's network architecture
- Design and create custom graphic screens to display system data
- Display meter data in PSO Basic Reports
- Integrate Power Monitoring Expert reports and dashboards into PowerSCADA Operation
- Configure a PSO project to run on a redundant pair of servers

Agenda

Day 1 Topics

PowerSCADA Architecture
Software Installation
Configuration Environment
Project Setup Wizard

Day 2 Topics

Project Management
Profile Editor
Graphic Screen Configuration
Page Management

Day 3 Topics

One-Line Diagram

Alarms Configuration

Historical Data

Advanced Reports and Dashboards

Day 4 Topics

Waveform Capture

Web Client

Redundancy