

PMU COURSE DESCRIPTION

Power Monitoring Expert (PME) 8.x Project Deployment for System Integrators

Overview

The Power Monitoring Expert Project Deployment course provides students with the resources to successfully commission a “standalone” Power Monitoring Expert system. Students will follow a Standard Scope of Work to collect information from the customer, prepare the server and operating system, install Power Monitoring Expert 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
- Be familiar with Power Monitoring Expert

Students will be able to

- ❑ Describe the architecture of a Power Monitoring Expert System
- ❑ Describe the commissioning steps to deploy Power Monitoring Expert
- ❑ Perform a “standalone” installation of Power Monitoring Expert
- ❑ Connect and organize power meters and devices in the system
- ❑ Configure power meter devices with recommended settings and parameters
- ❑ Design and create custom graphic screens to display system data
- ❑ Configure dashboards to display historical data in interactive gadgets
- ❑ Configure report templates to display historical data

Agenda

Day 1 Topics

Metering and Communications

Meter Wiring and Configuration

Logging Setup

Alarms Configuration

Waveform Capture Setup

Day 2 Topics

Power Monitoring Expert Architecture

Software Installation

Standards Scope of Work

Device Management

Logical Devices Setup

Graphic Screens Configuration

Day 3 Topics

Designer Introduction and Navigation

ION Meter Backup and Restore

Real time data

Historical and Alarm/Event data

Day 4 Topics

Dashboard Configuration

Report Configuration

System Backup and recovery

Troubleshooting with system tools

Course Summary