

COURSE DESCRIPTION

PME 2020 Elective Series – Devices

Overview

This training curriculum focuses on teaching students to manage and maintain their Power Monitoring Expert (PME) systems to best meet their needs. Students will learn how to build up their systems by adding meters, modifying device and site names, communication parameters, and proper procedure for removing sites, devices, and associated historical data. The course will also cover integrating PME with 3rd party hardware.

Duration

4 Hours

Who should attend

This Webinar course is designed for anyone who is responsible for administering, maintaining, and/or supporting a PME system, such as application engineers, system administrators (and possibly IT Admins), as well as advanced PME users.

Prerequisites

- A basic familiarity with using PME
- A reasonable understanding of Microsoft Windows operating systems
- Working knowledge and understanding of electrical terminology, concepts and calculations, including an understanding of the relationships among current, voltage, power, and power factor in three-phase circuits.

Students will be able to

- Add meters and other hardware devices to the PME system
- Configure Logical Devices to simplify data aggregation and extraction
- Design and build custom graphics screens
- Incorporate 3rd party devices into the PME software

Agenda

Course Introduction

- Overview of course topics and agenda

Introduction to PME for Administrators

- Identify key components of a PME system
- Explore different system architectures

Management Console

- Add meters and sites to PME
- Modify meter and site names and communication settings within PME
- Proper procedure for deleting meters and sites in PME
- Explore efficiency tools for building large systems

Logical Devices

- Understand use cases for Logical devices
- Build logical device types
- Add logical devices for WAGES devices

Vista Diagram Creation

- Explore the objects used to build diagrams in Vista
- Build a basic diagram based on an electrical one-line drawing
- Detail best practices of getting the most from Vista diagram creation

Integrating 3rd party Hardware into PME

- Creating custom device types using the Device Type Editor
- Configure logging and calculations for custom device types
- Assign a custom Vista diagram as the default diagram for custom device type

Course Summary

- Cover miscellaneous topics brought up during the course
- Answer any remaining questions
- Outline available resources for education going forward