



EcoStruxure Power Monitoring Expert (PME) – Elective Series Adding and Managing Devices

The following document provides an overview of the above mentioned course offered by Schneider Electric's **Power Management University (PMU)**. For more details about all PMU courses such as availability, other courses options, and registration, please visit www.pmutraining.com. Questions can be emailed directly to pmu@se.com.

Duration:

- 6 hours (9 a.m. – 3 p.m. CT)

Delivery Type:

- Virtual Instructor Led (VILT) only

Overview:

- This virtual course 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 and gateways. They'll also learn how to integrate a variety of other types of devices, such as mechanical WAGES meters (Water, Air, Gas, Electricity, Steam) and 3rd party Modbus hardware.

Who should attend:

- 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 of electrical terminology, concepts, and calculations. These should include an understanding of the relationships among current, voltage, power, and power factor in three-phase circuits.



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Adding and Managing Devices

Upon Completion students will be able to:

- Add both native and nonnative (3rd party) devices to the PME software
- Add physical meters and other hardware to the PME system
- Add logical and virtual devices to the PME system
- Create and modify hierarchies to simplify data aggregation and extraction

Agenda:

- **Course Introduction**
 - Overview of course topics and agenda
- **Management Console vs. Device Manager**
 - Explain the difference between these two areas in PME that allow users to add devices and why you would use one versus another.
 - Explore efficiency tools for managing large projects such as adding, removing, or editing many devices at once.
- **Adding Physical Devices**
 - Add a native ethernet meter to PME
 - Add a native serial device to PME including the Gateway it is communicating too.
 - Modify meter and site names and communication settings within PME
 - Explore efficiency tools for building large systems
- **Adding Logical Devices**
 - Understand use cases for Logical devices
 - Build logical device types
 - Add logical devices for WAGES devices
- **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 devices
- **Creating and Managing Hierarchies and Virtual Devices**
 - 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 devices
- **Course Summary**
 - Cover miscellaneous topics brought up during the course
 - Answer any remaining questions, provide any needed resources