



## ION Utility Meter Administration Factory Course Details

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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](http://www.pmutraining.com). Questions can be emailed directly to [pmu@se.com](mailto:pmu@se.com).

### Duration:

- M-Th 9am-3pm CT

### Delivery Type:

- In Person (Nashville Training Center)
- Virtual Instructor Led (VILT)
- Onsite and/or custom training versions available by request

### Overview:

This training curriculum focuses on the configuration and operation of ION revenue meters using the front panel, ION Setup software, and EcoStruxure Power Monitoring Expert (PME). Students will configure ION meters for revenue metering, advanced security, communications, energy pulsing, logging, and power quality monitoring.

With the meters configured, the students will proceed to build up their systems by adding meters to PME's Device Manager. The meter data will then be analyzed using PME's Dashboards, Reports, and Trends, though the other applications will be available for exploration.

### Who should attend:

- Anyone who will be configuring, customizing, and troubleshooting ION meters extensively using ION Setup software.

### Prerequisites:

- Basic computer skills and experience with Microsoft Windows
- Basic metering terminology
- A basic working knowledge of power and energy will be helpful



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### Related Courses:

- EcoStruxure PME Administration and Maintenance
- EcoStruxure PME Advanced Programming

### Upon Completion students will be able to:

- Use the front panel of an ION meter
- Use ION Setup software to configure ION meters
- Use ION Setup software to assess meter wiring
- Use ION Setup software to manage ION meter programs
- Identify the components of a PME system
- Add serial and Ethernet meters to the PME system
- Analyze historical loads and consumption using Diagrams
- Create, manage, and automate reports with Web Reporter

### Daily Agenda:

Monday	Tuesday	Wednesday	Thursday
<ul style="list-style-type: none"><li>• Front panel navigation</li><li>• ION Setup configuration</li><li>• Meter wiring</li><li>• Program management</li></ul>	<ul style="list-style-type: none"><li>• Multi-device management</li><li>• Data viewing</li><li>• ION modules</li><li>• Advanced ION Setup</li></ul>	<ul style="list-style-type: none"><li>• PME components</li><li>• Device Manager</li><li>• Hierarchies</li></ul>	<ul style="list-style-type: none"><li>• Web Applications review</li><li>• Dashboards</li><li>• Reports</li><li>• Trends</li></ul>