

# Software

FactoryTalk EnergyMetrix Software  
Configuration in an Energy Monitoring System



## Course Number

FTEM

## Course Purpose

With FactoryTalk® EnergyMetrix, you can capture, analyze, store, and share energy data across your entire enterprise using a simple Web browser. This makes it easy to distribute the knowledge you need to optimize energy consumption, which can help improve productivity while lowering energy costs. This course provides you with an understanding of FactoryTalk EnergyMetrix. This course also shows you how to perform the following tasks:

- Navigate the FactoryTalk EnergyMetrix Web interface and understand the information it contains
- Use FactoryTalk EnergyMetrix software to provide standard and customized reports of energy usage and costs
- Configure all the components of an EnergyMetrix software installation

## COURSE AGENDA

### DAY 1 AND 2

- Logging in
- Loading Profiles
- Viewing Standard Reports
- Generating Billing Reports
- Configuring an Application
- Creating a New Domain
- Creating a New Group
- Setting up a Device
- Setting up a Meter and Meter Tags
- Creating Reports
- Setting up a Simple Rate Schedule
- Creating Billing Reports
- Using ChartsPlus
- Using ReportsPlus
- Setting Up a Role and Privileges
- Creating a Multi-Purpose Report Using Grid
- Creating a Multi-Purpose Report Using Charts
- Setting Up a Manual Meter
- Configuring a Derived Tag
- Setting up an Alarm
- Creating a System Configuration
- Backing up EnergyMetrix Database
- Shrinking a Transaction Log
- Running Reports Automatically
- Setting up a Custom Page
- Setting up Personalized Start Page
- Copying Devices and Meters

## WHO SHOULD ATTEND

Managers, engineers, and technical specialists who need to configure FactoryTalk EnergyMetrix software in order to solve on-going, energy-related challenges should attend this course.

## PREREQUISITES

To successfully complete this course, the following prerequisites are required:

- Basic understanding of 3-phase electric power
- Basic understanding of Rockwell Automation Integrated Architecture products, networks, and software
- Basic understanding of Power Monitor products
- Basic understanding of internet server applications, Microsoft SQL Server and .NET scripting

## STUDENT MATERIALS

To enhance and facilitate the students' learning experiences, the following materials are provided as part of the course package:

- Student Manual
  - Includes the key concepts, definitions, examples, and activities presented in this course

## HANDS-ON PRACTICE

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises. These exercises focus on the skills introduced in each lesson.

## COURSE LENGTH

This is a two-day course.

### TO REGISTER

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley® Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at <http://www.rockwellautomation.com/training>

To be respectful of the environment, Rockwell Automation is transitioning some of its training courses to a paperless format. Students are asked to complete downloads and bring personal devices to these classes. A full list of digital/paperless courses is currently available through your local distributor.

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