

Online-Training - Energy Manager PRO compact (TIA-EMPROC)

Short Description

This online course is intended for users who would like to set up or be in charge of an energy data management system (EDMS System). In addition to detailed technical information regarding the possibilities of the Energy Manager PRO, you will receive all of the necessary basic information in the field of energy data acquisition. Based on a sample project, it will be shown how energy data management can be presented from the acquisition of measured values to the preparation of the desired information (key performance indicators) using dashboards, reports and trend analyses.

Objectives

- After the course, you will be able to set up and install an energy data management system at your company quickly and efficiently. You are able to acquire energy data from different data sources and with the help of different analyses tools you are able to analyze this energy data with the objective of energy saving. Moreover, you can account costs and consumptions to the cost center according to usage. Additionally, you can represent values and key performance indicators in reports, charts, and dashboards. You are also able to plan and evaluate Energy-Efficiency Measures according to ISO 50001.
- In the training, you will reinforce your theoretical knowledge through practical exercises and examples.

Target Group

- Energy manager
- Commissioning engineers, configuring engineers
- System Integrator
- Maintenance personnel
- Operators, users

Content

- Motivation and overview about the SIMATIC Energy Management Portfolio
- Architecture and Installation
- Projecting in the Web (Web engineering)
- Configuration of data points (Categorization, Counter Management, Alarming, Compression)
- CSV file Import
- Manual data acquisition
- Creating diagrams
- Key performance indicator calculation – cost accounting
- Reporting
- Representing actual and historical values in the Dashboards
- Overview about the settings in the Energy Manager
- Interfaces for automatic data acquisition in the Energy Manager Web
- Energy Efficiency Measures Management according to ISO 50001

Prerequisites

- Basic IT knowledge
- Microsoft Excel knowledge
- [Technische Voraussetzung](#)

Type

Online-Training

Duration

16 hours

Language

en