

Sentron PAC Meter (LV-PAC)

Short Description

Recapitulation Need of energy management Basic concept of relevant with energy management. Introduction to new energy management standard definitions.

Objectives

The participants learn SENTRON PAC meter configuration and parameterization along with communication options using PROFIBUS, PROFINET and MODBUS TCP/IP. The effective use of the commissioning and parameterization tool powerconfig is communicated in the practical unit.

Target Group

Operation/ Service / Maintenance/Commissioning/Planning/Sales

Content

- Need of energy management
- Basic concept of energy management – Active, reactive & apparent components, harmonics, power quality, Form factor, crest factor, introduction to industrial tariff, demand measurement, pollution degree, over voltage category, zero blind measurement.
- PAC Meter 3100- Range, features, benefits, installation guidelines, basic parameterization & communication via gateway.
- PAC Meter 3200- Range, features, benefits, installation guidelines, basic parameterization & communication via Ethernet.
- PAC Meter 4200- Range, features, benefits, installation guidelines, basic parameterization & communication Ethernet, profibus.
- PAC meter parameterization through Powerconfig software.
- Logic block function, power consumption (KWh and MD) and Sliding Window Demand in PAC4200
- Introduction to report management- Daily reports, cost center reports, allocation reports.
- Integration of PAC meter with S7 PLC.

Prerequisites

Engineers from electrical /electronics engineering. Participants should be familiar with the PLC.

Type

Face-to-face training

Duration

2 days

Language

en

Fee

12,000 INR