Energy monitoring

Application: small to medium-sized buildings

Get essential electrical information for each area of your building

"As facility management contractor, I need a system that can gather, track, and clearly display electrical information for different areas of my building."

Solution

Install meters to send information to a PC equipped with **PowerView consumption-tracking software**

PowerView software is one of the easiest ways to improve a building's energy efficiency. It is also the perfect foundation for upgrading to more sophisticated systems later on.

The easy-to-use interface displays measurements and the associated curves in real time. Both PM9c and more advanced PM710 meters use a RS485 Modbus protocol. An EGX100 gateway converts Modbus into Ethernet TCP IP protocol.

Benefits

For the user

> Savings of up to 10% with ROI within the first year

> Individual metering raises occupants' awareness of consumption

- Power is switched off immediately to unoccupied areas to keep consumption on track
- Power factor is adjusted to ensure optimal efficiency and reduce power-factor-related penalties

For professionals

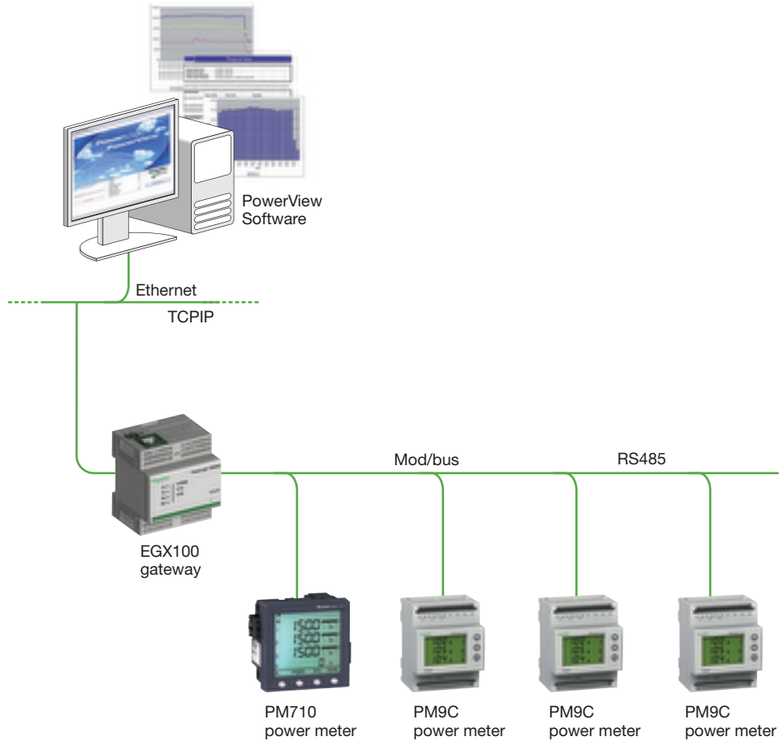
+ Installation

- Available as a power-meters-plus-software bundle
- PowerView software is easy to use
- PM9c, PM710 and EGX100 meters suitable for LV switchboard installation
- DIN-rail-mounted PM9c and EGX100 suitable for renovation projects
- PM710 meters same size as old analog ammeters or voltmeters for door mounting
- Factory-calibrated PM9c meters leave just a few settings to be selected on site

+ Maintenance

- Automatic identification of any new Schneider Electric meter installed, for fast and easy upgrades

☑ Measure ☐ Reduce energy consumption ☐ Reduce energy costs



PowerView software

- Allows up to 32 meters
- Delivers data in spreadsheet format at pre-determined intervals

PM9c and PM710 meters

- Integrated displays with local information useful for maintenance
- PM9c meters measure: real-time and maximum current, voltage, real power, apparent power, real energy, neutral current, reactive energy, and demand readings
- Auxiliary power is 220V AC

- PM710 meters take the same measurements as the PM9c plus demand reactive power, demand current, apparent energy, voltage and current harmonics
- Unlike most other meters on the market, the PM9c and PM710 meet EN61557-12 cost-allocation standards