

CG APPLICATIONS

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Application Note: January 21st 2008

Market involved : Water, Energy

Product : UDM60 TF1 SX R4 H X

Customer : Panel Builder, OEM's

Subject : Renewing a cost allocation system

CUSTOMER ISSUE :

An industrial building owner rents a number of areas to different tenants, for their manufacturing activities.

There is only an energy contract for all the buildings and a number of old electromechanical energy meters in each area to charge the user with the cost of the relevant amount of consumed energy. The energy meters are equipped with a pulsating output.

Some new areas are equipped with the MID-certificated EM24 instead of the electromechanical meter and a PowerSoft system has been established to manage the cost sharing.

OUR SOLUTION:

The pulse outputs of the old meters are acquired by UDM60 (working as dual counter in case of active and reactive energy metering) which shows both the energy values in its LCD display.

The relevant values are then transmitted via Modbus to PowerSoft, and there stored and analysed as well as the data coming from EM24's.

ACHIEVED BENEFITS:

The pulses are acquired by a meter (UDM60) compatible with PowerSoft without requiring the replacement of the old meters, leading to a considerable money saving.

The dual input capability of UDM60 allows to acquire both kWh and kvarh using a single DPM, halving the costs of the measuring equipment.

