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Plant i.T.

Process Control Systems. MES inside.



Plant Acquis iT EnMS – Energy Management System

proleit.com

ProLeiT
by Schneider Electric

Qualified energy management system

Our energy management system (EnMS) according to DIN EN ISO 50001 is key to achieving long-term energy efficiency targets in industrial companies. Intelligent energy data acquisition plays a crucial role in this endeavor. Plant Acquis iT EnMS enables plant operators to transparently monitor and analyze energy consumption along with the related costs.

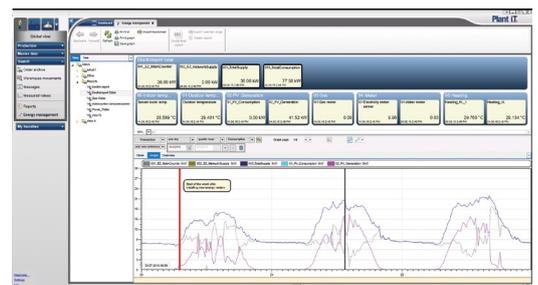
Energy markets are forever shifting in response to changing energy policies and thus constantly presenting companies with new challenges. The Plant Acquis iT EnMS energy management system offers companies a means to fully exploit their energy potential. It can be seamlessly integrated as an add-on into the process control system at any time. Plant operators are, therefore, able to determine and document energy consumption within their facilities and to improve it as part of a continuous process.

Linking energy and production data plays a crucial role when it comes to analyzing and optimizing energy consumption, besides boosting the energy productivity of machines, plants and processes.

Plant Acquis iT EnMS supports intelligent energy data acquisition – either in the traditional sense, for example via metered values from pulse and absolute value meters, or via the offline acquisition of energy values with the aid of mobile end devices. In addition to extensive analysis options, data are

subsequently displayed through consistent reporting and compared with variables over a range of time periods.

Our customized alarm management allows operators to take preventive action, thereby avoiding load peaks and using load valleys in the best way possible.



Plant Acquis iT EnMS is fully integrated in the user interface of the process control system.



Sustainable process optimization

As part of Schneider Electric, our mission at ProLeiT is to make a clear and positive contribution to a more sustainable world. This also includes the energy-related performance of our customers. ProLeiT solutions enable operators to make energy flows transparent across their plants, thereby ensuring potential saving opportunities are identified, analyzed and adequately exploited.

Plant Acquis iT Energy Management System

The main advantages at a glance



Efficiency & profitability

Plant Acquis iT EnMS identifies the plant areas with the highest level of consumption. Further, analyzing consumer values facilitates detection of those consumers with the greatest potential for savings. This all helps to reduce energy consumption and improve energy utilization in the long run.



Reliability & performance

The peak load analysis of Plant Acquis iT EnMS helps to avoid peak loads through prioritized switch-off and restart strategies, thus contributing to an optimized load profile and calculable costs.



Customer-specific strategies

In the energy management system, customer-specific strategies can be defined to ensure efficient and sustainable operation. A subsequent analysis allows plant operators to evaluate the savings achieved through the respective strategies.



Alarm management

The integrated alarm function enables a prompt and accurate response to special situations. The parameters of the intelligent alarm system (when approaching or exceeding limit values) are set using a customer-specific definition of limit values for load peaks.



Energy monitoring

Plant Acquis iT EnMS offers the standardized documentation of implemented measures for optimizing energy consumption. Energy monitoring provides a detailed analysis, including output as a web report (SSRS) or via Excel. This creates greater transparency and clarity regarding how much energy is being used, and where.

**We will gladly provide you with advice on
how to use the Plant Acquis iT EnMS
in your processing plant!**





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