

Energy Data Management with zenon

Evaluate energy data, optimize equipment, reduce energy costs

Energy managers often do not have enough time left for the important tasks – identifying and implementing saving potential. You can solve this problem with zenon. zenon supports you with the automated collection and evaluation of any energy data which you may need as a basis for decision making in energy management.



GATHERING DATA FROM THE ENTIRE INFRASTRUCTURE

Do you work with equipment from various manufacturers? Is your infrastructure complex and decentralized? With zenon you can bring all your energy consumption areas into one system – from the production, over tools, right up to facility management. You can thereby keep an overview of your energy consumption and your energy saving potential is never hard to find.

PROCESSING DATA AND ARCHIVING

The entire data which you may need for your Energy Management reports, can be displayed with zenon in real time. This also includes Energy Performance Indicators (EnPIs), as described in the ISO 50001:2011 standard for example. zenon offers industry-proven archiving technologies and open interfaces. You are thereby flexible and independent when saving data. Additionally, zenon offers a certified interface for existing SAP ERP systems.

CLEARLY DISPLAYING INFORMATION

zenon can perfectly support you when displaying different types of data – from Energy Performance Indicators, energy analyses, trend curves, alarm message lists and events, right up to complex graphical reports. Energy consumption can be analyzed, not only according to production volume but also in combination with price data.

ISO 50001:2011

zenon can offer you the decisive edge for the certification of an Energy Management System. zenon meets the requirements of the TÜV Süd Standard “Certified Energy Data Management” and was certified accordingly. This certification is based on a zenon reference application which was certified according to ISO 50001.

ZENON ENERGY DATA MANAGEMENT SYSTEM

COPA-DATA provides a solution package for energy management applications. This includes tailor-made solutions for use in energy management and a selection of reports that are relevant to a company for energy monitoring.

FAST FACTS

- ▶ Energy data from various sources are centrally bundled
- ▶ Clear display of energy consumption data
- ▶ Energy management reports and performance indicators in real time as well as historical
- ▶ From the machine operator to the CEO: flexible access to the evaluations
- ▶ Simple integration into existing systems

“Even though we have generated more fills and could increase our turnover in the last year, we have managed to achieve a large savings in individual consumption through our Energy Management System with the support of zenon.”

Rudolf Kropf, Head of EET,
Adelholzener Alpenquellen GmbH, Germany

Energy Data Management with zenon

Evaluate energy data, optimize equipment,
reduce energy costs

Integrating the Energy Management Team	<ul style="list-style-type: none">▶ The right information, at the right time and the right place▶ Regardless of how many people or which groups of people you would like to involve▶ From machine operator right up to the CEO
Access to performance indicators and reports	<ul style="list-style-type: none">▶ Directly at the HMI, on the PC or via Web browser▶ Automatic PDF delivery via e-mail▶ On the Smartphone▶ SharePoint integration
Easy implementation	<ul style="list-style-type: none">▶ Can be easily integrated into existing systems▶ During running operations▶ Out-of-the-box modules and high level of usability▶ Other devices, machines, reports or users can be added easily▶ Investment protection
Examples of zenon Report Engine reports, supporting your ISO 50001 certification	<ul style="list-style-type: none">▶ Duration Curve▶ Carpet Plot▶ Sankey Diagram▶ Trend per variable or per equipment group▶ Cost distribution per variable or per equipment group▶ Historian Aggregated Trend▶ and many more
zenon Energy Data Management System	<ul style="list-style-type: none">▶ Solution package for energy monitoring▶ Tailored zenon license▶ Selected zenon reports, which are essential for your Energy Data Management