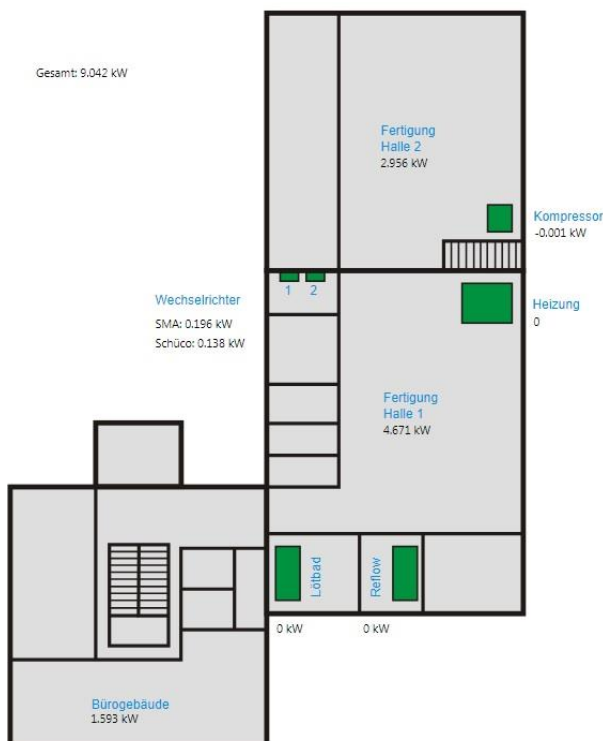
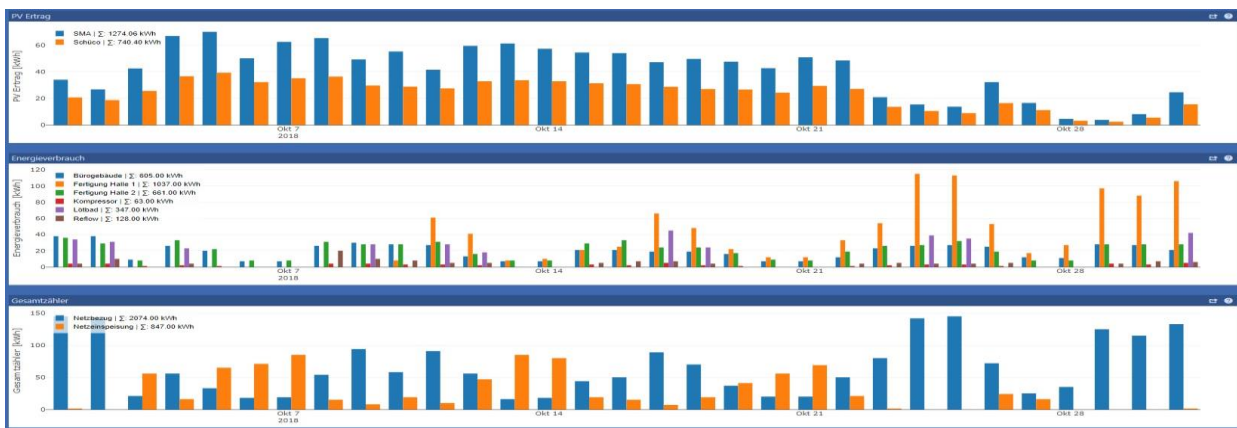


iSOL Energy Monitoring System - EMS

Summary

Measuring, analyzing and optimizing are the basic steps for a sustainable energy management. A transparent presentation of all energy consumption and energy generation systems (PV, CHP, ...) provide the basis for this.

Not only electrical energy, but also other measuring points such as water consumption, compressed air and temperature, as well as process-specific measured values can be easily integrated to form a comprehensive picture of the energy flows. Downstream optimization and alarm functions complete the iSOL Energy Monitoring System - EMS



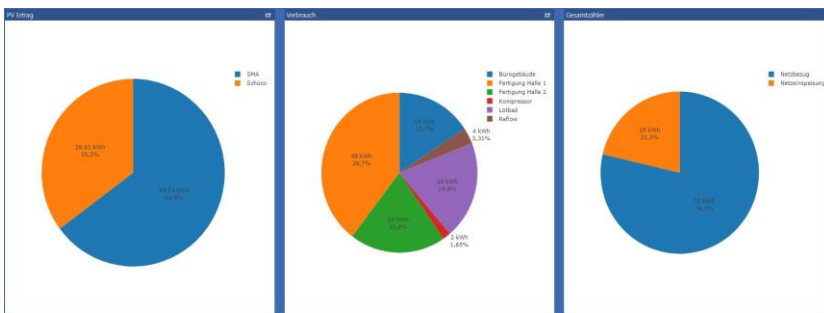
Overview

- ◆ Day/Month/Year resolutions
- ◆ Easy access via web browser
- ◆ Integration of SVG-Graphics
- ◆ Individual user management
- ◆ Export functions
- ◆ Interfaces to higher-level systems
- ◆ Optional energy management
 - E-Mobility
 - Load-Management
 - Control power
 - Energy storage
- ◆ integration of all common PV inverters and CHP Manufacturer
- ◆ Implementation of customer-specific requirements through decentralized module structure
- ◆ E-Mail, SMS-notification
- ◆ Flexible for future requirements



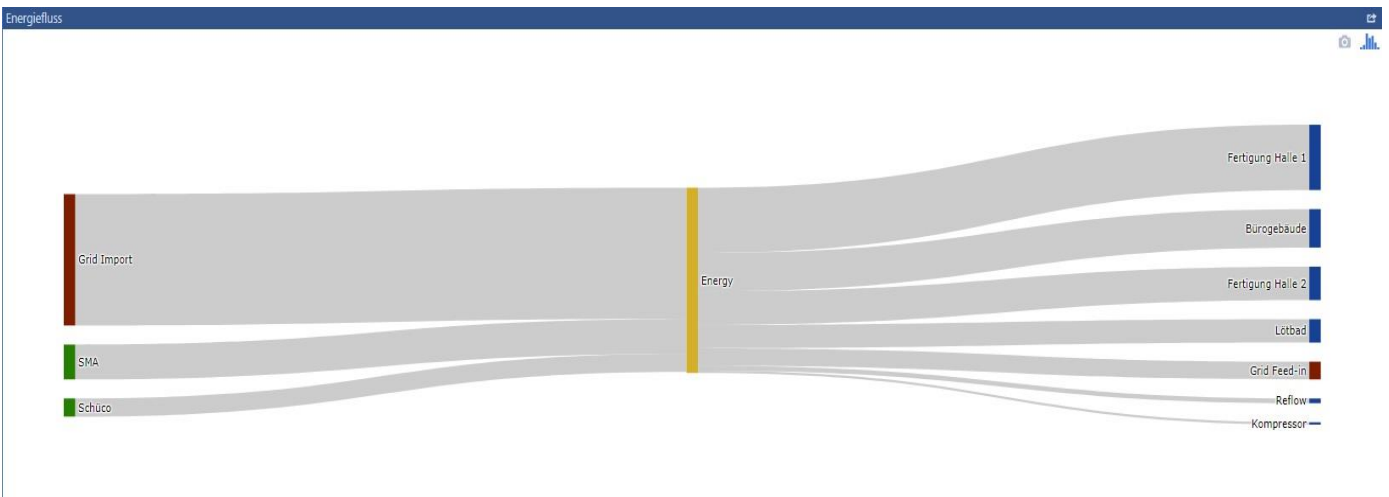
Features

- ◆ Real-time data acquisition
- ◆ Minute-by-minute consumption data
- ◆ Integrated web server
- ◆ Ethernet interface
- ◆ Various interfaces for the integration of different meter manufacturers
- ◆ Calculations of additional values from the measured values
- ◆ Open, flexible system architecture for extensions
- ◆ Remote access for configuration adjustments
- ◆ Secure data transfer
- ◆ Basis for certification according to DIN EN ISO 5001



Energieverbrauch	26.11.2018	11.2018	2018	Gesamt
Bürogebäude	7,00 kWh	510,00 kWh	1219,00 kWh	1219,00 kWh
Fertigung Halle 1	20,65 kWh	1017,24 kWh	2054,24 kWh	2054,24 kWh
Fertigung Halle 2	12,00 kWh	505,00 kWh	1268,00 kWh	1268,00 kWh
Kompressor	1,00 kWh	56,00 kWh	133,00 kWh	133,00 kWh
Lotbad	- kWh	310,00 kWh	726,00 kWh	726,00 kWh
Reflow	- kWh	45,00 kWh	195,00 kWh	195,00 kWh

Sankey-Diagramm



Contact

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