ENERGY FORECAST MANAGEMENT

SOFTWARE

DIEHL
Metering

APPLICATION

IZAR@SMART ENERGY - Energy Forecast Management (EFM) is a web-based Diehl Metering software application for transparent heat distribution network monitoring and precise energy forecasting. The solution is prepared for the import of data from any data management system to enable a holistic view on the district heating operating network.

EFM provides smart insights to take actions in a continuous improvement approach for energy network allocation processes. The extensive monitoring of heat meter flow data, forward and return temperatures as well as energy supply with demand comparisons indicate the heating network performance. EFM supports the user in identifying potential cost savings for heat losses and maintenance.

FEATURES

▶ Attractive user interface and dashboard design focusing on advanced meter data analysis

▶ High performance analysis engine using self-calibrating forecast algorithms for energy demand based on meter and weather data

▶ Graphical and tabular illustration of historical and forecasted energy allocation illustration

▶ Threshold based weak point identification and monitoring

▶ Configurability of meter clusters, virtual meters and temperature thresholds

▶ Peak consumption and heat loss controlling

▶ Event and alarm monitoring based on individual meter configuration

Empower a sustainable future
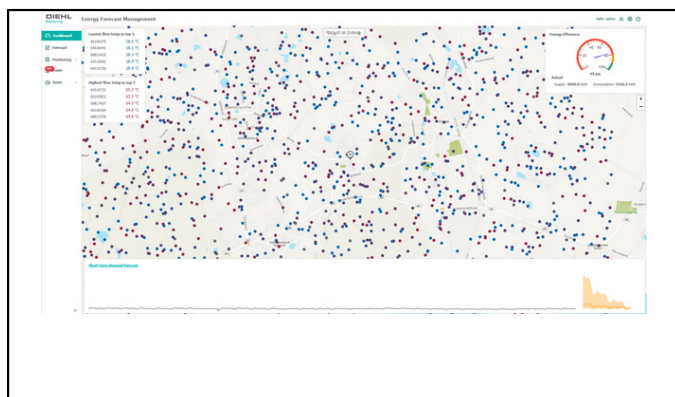
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ADVANTAGES

- Secure 256-bit SSL encrypted connection (https)
- Servers located in the European Union
- Including updates, upgrades and regular backups from remote
- No further investment in infrastructure and maintenance (hard- and software) necessary
- Smart insights to save time and costs within the heat distribution network processes
- Employee workflow flexibility thanks to higher service level and possibility for proactive actions
- Increased end consumer interaction and satisfaction
- Sustainability by saving energy resources and lowering the carbon footprint
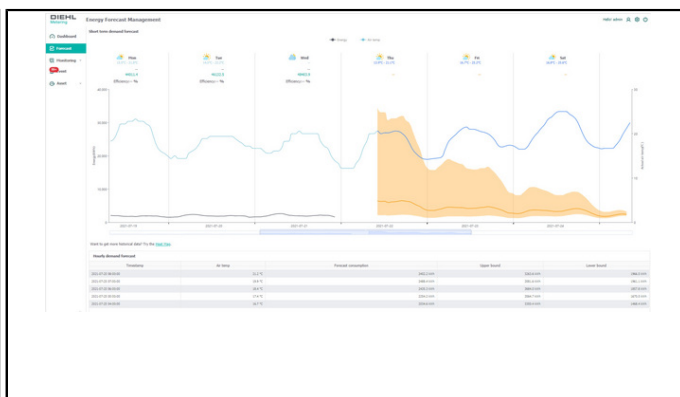
SYSTEM REQUIREMENTS

- Min. 2 Mbit internet connection
- Min. screen resolution 1024 x 768 Pixel
- Web browsers currently supported (for Windows, Mac and Linux): Firefox, Chrome, Safari, Edge

APPLICATION SCREENSHOTS

Dashboard

Forecast

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