



**SIEMENS**

*Ingenuity for life*

# Energy Management with XHQ

Faster deployment, better solutions

## Rapid Start with Best Practices

**XHQ Best Practices Packages** are pre-customized solution packages that can be integrated into existing XHQ solutions to address common business problems.

### You get:

- Views, tools, and components that plug into any XHQ system
- High-value, best practice approaches based on decades of project experience
- Field-proven scalability for multiple business areas
- Ability to scale from small to even the biggest facilities
- Complete flexibility to tailor to your unique need

Currently there are six XHQ Best Practices Packages available:

- Batch Analysis
- Energy Management
- KPI Management
- Supply Chain Intelligence
- Quality Management
- Maintenance Management

## Energy Management with XHQ

Industrial facilities consume a lot of energy. The integrate cross-functional nature of XHQ is well suited for pulling together all the information about production, energy cost and all aspects of energy utilization at one place. XHQ allows you to spend manage your energy budget wisely.

The XHQ Energy Management solution package provides a way to rapidly implement a monitoring and awareness program that can operate from the level of an individual unit all the way up to the enterprise.

### Who benefits?

Utilities managers, production managers, engineering and operations staff.

### What is in it:

- Dashboard for plant operation, showing energy use and throughout the plant broken down by production line and energy type
- Power generation summary
- Power consumption summary

- Detailed KPI's for power generating assets
- Energy usage/production reports

## The benefits you get:

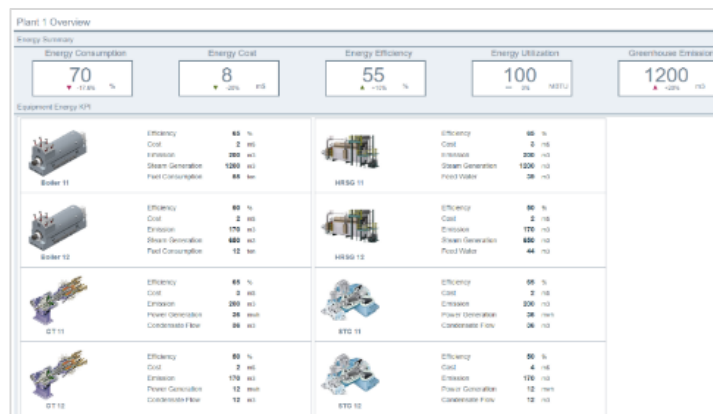
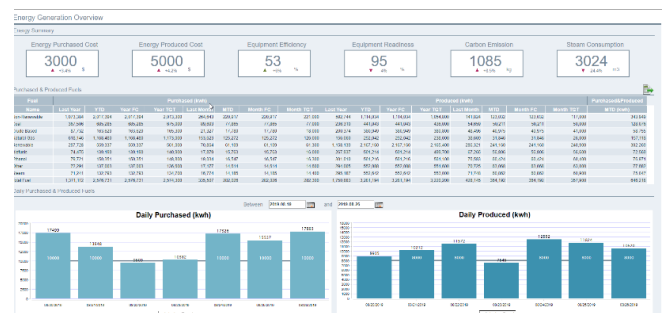
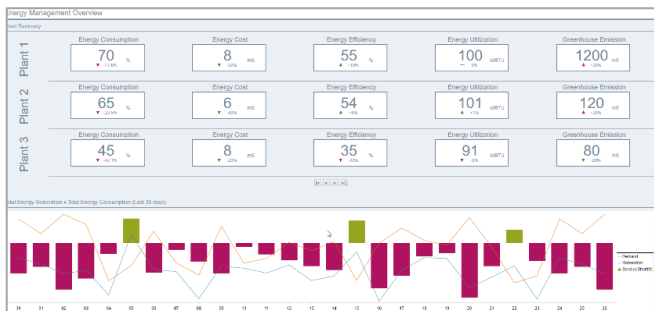
- Minimize energy use against targets through a monitoring program that spots inefficiencies and periods of wasteful operation
- Up to date information on energy use throughout a facility and each area
- Staying on top of changes of energy costs and supplier changes
- Optimize energy consumption and generation by monitoring supply and demand, while maintaining environmental compliance
- Significant cost savings by balancing self-generation versus buying from grid
- Optimize power generation to meet operational demand
- Emissions compliance (carbon taxes, environmental standards)

## Use cases: Energy Management

- Compare energy use over time and use historical information to identify most efficient operations and set the most appropriate targets
- Compare actual energy use to targets and best practices
- Track greenhouse emissions
- Take advantage of the situations where the cost of purchase for generated energy changes

## XHQ Operations Intelligence Software

- ✓ Simple access to complex data
- ✓ Real-time information
- ✓ Visual integration of data from different sources
- ✓ Situational awareness
- ✓ Collaboration at all levels
- ✓ Faster and better decisions, anytime, anywhere



XHQ Energy Management views example

Contact us to learn how to have immediate benefits with reliable and real-time information at your fingertips.

E-mail: [info.xhq@siemens.com](mailto:info.xhq@siemens.com)