

Cetetherm

Optimizer

THE SMART AND CONNECTED SUBSTATION



The Optimizer is a complete district heating substation connected to a cloud service, developed on the latest technologies within Artificial Intelligence (AI) and Internet of Things (IoT), supporting and optimizing the heating system **NEVER TO USE MORE ENERGY THAN NEEDED.**

Cetetherm Optimizer is also a new online service for energy operators, enabling energy optimization and monitoring of district heating in buildings.

Thanks to a unique combination of market leading heating systems and an intelligent optimization tool, the Cetetherm Optimizer will reduce the energy usage in buildings without renouncing comfort and indoor climate.

Parallel to lowering the energy costs for building owners and providing better control of the heating system for the energy operator, Cetetherm Optimizer also reduces the buildings climate impact.

Cetetherm

Optimizer

- Cloud-based data
- Real-time temperature & flow control
- Diagnostic algorithms
- Artificial intelligence



- Predictive analytics
- Internet of Things
- Interactive supports
- Alarm management

ENERGY COMPANIES

- + Energy optimization over a cluster of connected buildings
- + Open API interface for easy integration to internal systems
- + Full cloud-based access to installed equipment or
- + Turn-key solution with full access to the customers heating system

SOCIETY

- + Reduced CO2 footprint/emission

BUILDING OWNERS

- + Remote monitoring
- + Reduced energy usage by 10-15 %
- + Predictive analytics for planned maintenance
- + Improved interactions with tenants and Energy companies
- + Automate adjustments through Artificial Intelligence

TENANTS

- + Improved indoor climate and less hassle