



Chilled Water Monitoring Solution

Monitors chilled water consumption in real-time from BTU Meters and Energy Valves connected to AHUs, CRAC Units, etc. Empowers users with insights to optimise controls and improve the energy efficiency of chilled water systems. Provides data for chilled water consumption billing or cost allocation.

Use Cases

- Monitoring of AHU and/or FCUs.
- Monitoring of chilled water consumption for buildings using district cooling.
- Monitoring of CRAC chilled water consumption for data centres.
- Optimize energy by understanding the efficiency of heat exchange systems such as AHU, FCU, CRAH, etc

Types of Sensors Used

- BTU Energy Calculators
- Energy Valves
- Inline, Ultrasonic or Magnetic resonance type sensors available

Installation

- Require no modifications to existing systems for ultrasonic type sensors
- Wireless Communication option for long distances

Key Features



Real Time Dashboards for overview of chilled water consumption for different equipment across different locations



Alarm for detection and notification of abnormal usage based on user defined threshold levels



Reporting Module to schedule and automate report generation using standard energy reporting templates. Custom Templates can also be developed



Data Analytics to understand usage patterns and make better decisions

Mobile + Web Access

- **Mobile App** for 24/7, 365 access to chilled water consumption from different locations
- **Web Application** provides real time chilled water consumption from different equipment and multiple buildings, offices or plants to a centralized command centre.

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