green koncepts

Chiller Plant
Monitoring

Monitors the operation of chiller plants in real time to understand Chiller Plant Efficiency. Provides real time operational status of Chilled Water Plants. Manage multiple chilled water plants from a single login. Leverage Machine Learning and AI algorithms for dynamic optimization of Chiller Plants to reduce energy consumption.

Use Cases

▪ Monitoring of District Cooling Plants, Building Chiller Plants & District Cooling Buildings

▪ Includes support for Chillers, Chilled Water Pumps, Condenser Water Pumps, Cooling Towers & Chiller Plant sensors

Types of Sensors Used

▪ Integrates with any BMS system - Data Mapping through BACNet interface

Installation

▪ No Modification to BMS
▪ Simple and fast installation
▪ No disruption to operations

Key Features

Real Time Chiller Plant Dashboard for overview of Chiller Plant and equipment efficiency across different buildings

Alarm & Alert Module for detection and notification of abnormal operations based on user defined thresholds

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

Data Analytics to understand Chiller Plant efficiency drivers for continuous commissioning

Mobile + Web Access

▪ **Mobile App** for 24/7, 365 access to Chiller Plants from different buildings

▪ **Web Application** provides real time information from chiller plants in multiple buildings to a centralized command centre.

Green Koncepts Pte Ltd
750C Chai Chee Road #03-15,
Viva Business Park
Singapore 469003
T: +65 6245 9332
F: +65 6245 9319
E: info@greenkoncepts.com