

GreenOS™

HVAC Dynamic Efficiency Control

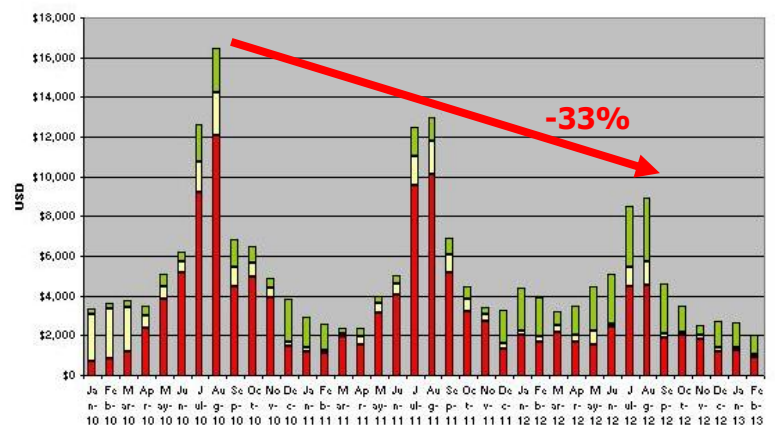
GreenOS™ - is a comprehensive innovative solution that enables businesses to slash their electric bills by 10-40% by storing thermal energy in the buildings' infra-structure, instead of in huge and costly Ice tanks. *"Technology instead of Metal-work"*

Using a series of simple sensors and controllers, proprietary learning algorithms and a user friendly interface, GreenOS™:

- **Follows** the thermal behavior of the users
- **Calculates** the thermal capacity of the building
- **Analyzes** the thermal behavior and capacity
- **Builds** optimized operating profiles for efficient operation
- **Stores** thermal energy in the buildings' infra-structure
- **Optimizes** operations and in effect, cuts the electricity bills

GreenOS™ Applications include:

- Office Buildings
- Logistic Centers and Warehouses
- Refrigeration Rooms



Green Power Management

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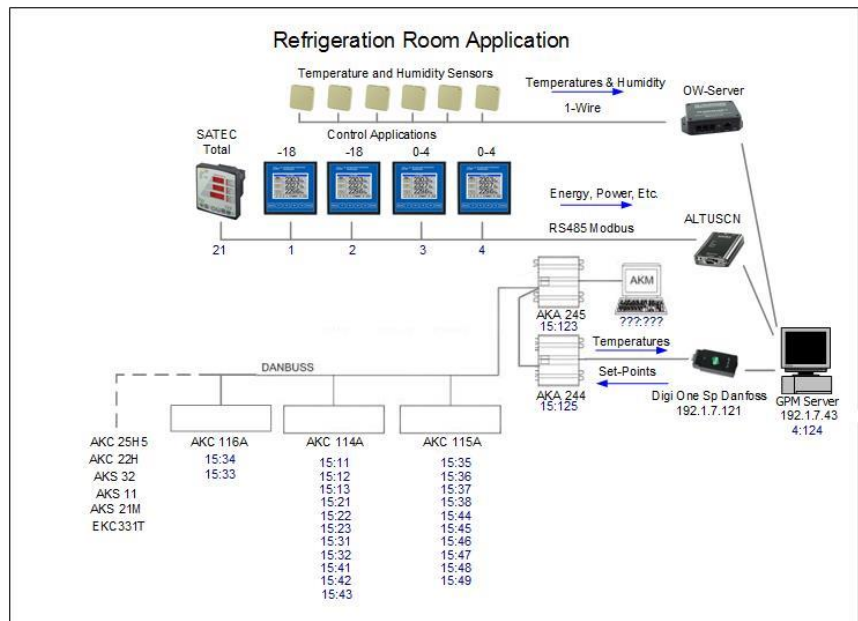
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Features

- Cloud Computing
- Thermal Mass Storage Algorithms
- Simple Control
- Contiguous Savings
- Alarms by email and Text messages
- Reports
- History Logs
- Occupancy Controls
- Weather Forecasts
- Protocols: Modbus, Danfoss DANBUS, 1-Wire
- Mini SCADA - Monitor and Controls: Chillers, Fan Coils, Heat Pumps, AHU's, Fans, Energy and Power meters, Temperature, Humidity, CO, CO2 & VCO (Volatile Organic Compound) sensors.

Refrigeration Room Application Example



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