Data Center Energy Monitoring

Energy Monitoring and Management with VerifEye™ Series 7000 and 7100 Meters

Strategies for precise monitoring of data center energy usage can generate substantial cost savings with the VerifEye™ Series 7000 and 7100 Meters.

Data center energy management requires a multi-pronged approach as many factors make up the equation from the servers themselves to temperature controls to the energy usage of individual departments within the facility. Data centers offer a unique opportunity for real-time energy management, forecasts and billing for individual departments to estimate power, cooling and network resources. VerifEye Series 7000 and 7100 Meters and Building Manger Online (BMO) 3.0 offer a cost effective solution for electrical load management for data center applications.

CHALLENGE

Data center facility desires a submetering solution to monitor power and demand at peak for the whole facility.

- Data center facility managers want to monitor server demand along with individual department energy usage
- Renovating the building is costly and create a disruption to service
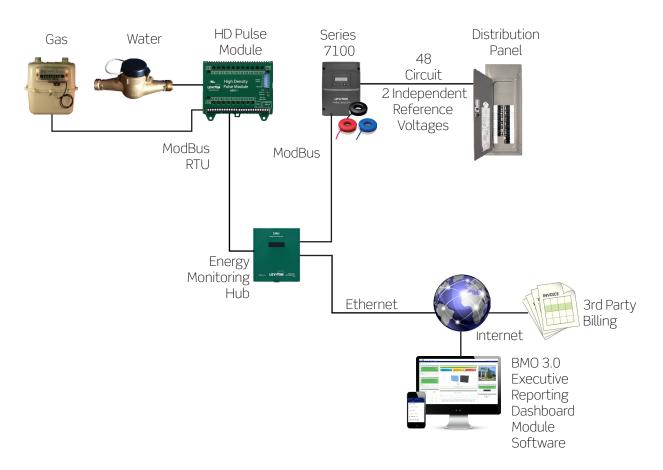- Requires real time power monitoring

SOLUTION

VerifEye Series 7000 and 7100 Advanced Branch Circuit Monitor offers electrical load management for high density branch circuit monitoring applications.

- The Series 7000 and 7100 monitors up to 48 branch circuits with one single meter board
- Uses solid core or split core CTs for easy wiring without having to re-wire the building
- Monitors current, voltage, instantaneous power, demand and energy consumption of each circuit and offers user-configurable alarm thresholds for improved load management

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VERIFEYE SERIES 7000 AND 7100 ADVANCED BRANCH CIRCUIT MONITOR — DATA CENTER

WHAT YOU WILL NEED

VERIFEYE SERIES 7000 AND 7100 ADVANCED BRANCH CIRCUIT MONITOR—DATA CENTER		QTY
	VerifEye Series 7100 Branch Circuit Monitor | 71D48-000 Monitors current, voltage, demand and energy consumption of each circuit in a panelboard	
	HD Pulse Module | A8810-000 Flexible I/O communication device that collects data from pulse output meters such as electric, gas and water	
	Energy Monitoring Hub (EMH) | A8812-xxx Ideal for collecting electric, water, gas, steam and other energy parameters over the web	
	VerifEye Commercial Gas Meter | GMPxx-xxx* Accurately measures submetering applications that utilize gas appliances and equipment	**Varies**
	VerifEye Commercial Hot/Cold Water Meter | WMxxx-xxx* Versatile for commercial measurement and verification applications	
	VerifEye Building Manager Online (BMO) 3.0 Executive Reporting Module Software | BMOSW-EXE Allows executive stakeholders to readily access and understand energy usage	

*Contact factory for availability

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