



# Energy Monitoring and Analytics

Building energy performance is about what happens 24 hours a day. Getting the best results for your facilities is about having the proper data and the right analysis tools. CircuitMeter provides a cost effective solution that collects energy data within your remote facilities directly from each and every energy load... straight from the circuit breaker. Upon gathering this valuable information, it is placed into a safe server location where you have full access from any standard web-browser through our cloud service.

## AN INFORMATION FOUNDATION

At the time of installation, just tag each circuit breaker, identifying the facility attributes, asset ID, and equipment type. Our uniquely designed WebMeter36F™ will begin gathering your energy data and sending it to our cloud servers — storing real-time data up to 24 hours and aggregating the historical data. You have the ability to view and report on the energy usage of all of your facilities from a head office view, right down to the individual equipment. The real-time data is harnessed with the notification system so that your staff is alerted when needed.

## Key Features

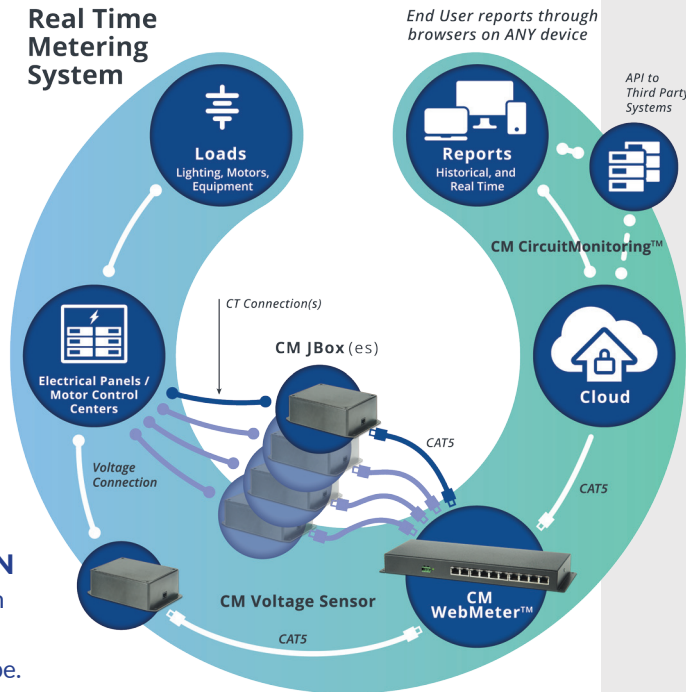
### WebMeter36F™

- 36 CTs isolated from breaker panel by JBox (from Class 1 to Class 2)
- 1 - 3 phase isolated from mains by CM-VoltageSensor
- WebMeter36F™ can connect up to 100 feet away using CAT5 cables
- Designed for easy and flexible installation
- Obtains and calculates up to 334 data points for each update, including amps, real power, consumption, power factor, voltage, reactive and apparent power, and more
- Transmits secured UDP data via IP to CircuitMonitoring™ system

### CircuitMonitoring™

- System designed to support enterprise-wide portfolio
- An energy monitoring system designed around a "Big Data"
- Analyze real-time performance and accurately compare your energy consumption with historical information
- Measure and compare energy consumption of all equipment and facilities that are similar and by their geographic location
- Confirm energy data by each tenant in the facility
- Establish notification rules to manage energy issues and warnings

## Real Time Metering System



## COMPONENTS OF AN INFORMATION FOUNDATION

### 1 Data Collection:

- Circuit-level data captured with WebMeter36F™
- Transmit data to central server in real-time

### 2 Corporate Management:

- Hierarchical information – from Head-office to the circuit breaker
- For finance and operational personnel

### 3 Reporting & Notifications:

- Real-time reporting (24 hours)
- Historic data showing trends and summaries
- Unlimited custom reports to fit your requirements
- 24 x 7 continuous energy tracking with email notifications for misbehaving equipment
- Print results or export data to CSV format
- Personalized dashboard

## FOR REMOTE FACILITIES:

- Identify and compare equipment across entire portfolio by similar region, equipment type, by time or even by outside temperatures
- Notify if specific equipment (e.g. AC) has not turned on during warmer climate or specific times
- Detect intrusions by creating notifications that combine sensing lights and motion sensors
- Use the real-time analytics and notifications to minimize the need for site visits
- For multi-tenant sites, easily identify the energy by each tenant and enable tenants to self-monitor their equipment
- Remotely view real-time data of equipment
- Use analytics to assist energy audits and validate saving investment decisions
- Finally, a solution that supports your energy audits, sustainability initiatives, marketing promotions and corporate conservation

## CONTACT:

info@CircuitMeter.com | 1.888.350.1790 x102

## VERSION 3.1

PATENT PENDING TECHNOLOGY  
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