



# IntelliMEASURE<sup>SM</sup>

Ensure your demand response program is producing the results you expected.



# IntelliMEASURE

From verifying signals to profiling loads in real time, Comverge's IntelliMEASURE service helps our customers achieve the full potential of your load reduction program.

## Benefits

- Track and measure the quantity and quality of any reduction during load management events
- Receive insight into customer behavior, equipment functionality, energy use, and energy demand
- Enable real-time decision-making for load management operators
- Predict available load and know how much capacity can be provided under various circumstances
- Gauge program effectiveness and achieve greater program efficiencies

## Features

- Fully integrated into IntelliSOURCE™ IEM platform
- A variety of analytical tools used to assess the program's overall performance
- Representative samples of the fully deployed and enrolled population based on factors including geographic location, altitude, age of building, and demographic considerations
- Experienced analysts who read and decipher the data to provide meaningful and reliable analysis of the load reduction program

## Components

- **IntelliSOURCE™** – Access M&V functionality through end-to-end IEM software platform
- **IntelliPEAK™** – Used to curtail the end-customer's air conditioner as well as test for signal reception at the site
  - ZigBee Smart Energy Profile Certified/ZigBee Compatible
  - AMI ready, two-way communication via built-in 2.4 GHz ZigBee transceiver
  - Real-time clock synchronized with Smart Energy Meter
  - Units can be configured to control one, two, three, or four functions
  - Controls HVAC, strip heaters, hot water heaters, pool pumps, and other appliances
- **IntelliCONNECT™** – Sends the data over a cellular or broadband network at least twice an hour, providing a near real-time look at current usage
  - Service to WAN, LAN, or broadband networks
  - Service connect and disconnect capability
  - Whole-house surge protection and monitoring
  - Outage detection
  - Tamper detection
- **Programmable meter** – Gathers data on the air conditioner's load or other reducible load in five- or 15-minute intervals, 24x7
- **Temperature sensor** – Gathers data on temperature conditions in a residence or commercial facility

## Corporate Offices

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