

## VerifEye™ Submetering

A historic mixed-use building in downtown Los Angeles replaces aging meters with VerifEye™ Series 8000 Meters

### The Challenge

The submetering system in a historic mixed-use complex in downtown Los Angeles was failing after 20 years and needed to be replaced.

The building consists of 130 upscale residential units and retail businesses on the ground floor, including a coffee shop and market.

Building managers needed to ensure the meters were flexible, offered a quick turnaround time on installation, and met California Weights and Measures certification for tenant billing.

### The Installation

Building managers worked with a contractor to install nine three-phase Series 8000 Meters and two Energy Monitoring Hubs (A8810-PS1) quickly to replace the aging meters in the exact location of the building.

### The Solution

The 3-Phase Series 8000 Meters were installed in two days in the exact location as the old meters. Series 8000 unique wiring harness minimizes installation labor and material cost (virtually eliminates the need to extend current transformer wires). The quick turnaround time ensured there was no disruption to service, and everything was up and running quickly.

The Series 8000 Meters are ideal for medium-sized retail and multi-tenant applications. They are easy to install and wire, and allow complete flexibility



## Submetering solutions for multi-tenant, mixed use residential and commercial applications.

to fit any project design, and are configurable for any type of electrical service.

Two Leviton EMB Hubs were installed in the building to collect and log data from the meters. Because no software is required to collect data, information can be accessed by building managers through any web browser.

Leviton was chosen for the project for its competitive pricing and quick-and-easy solution.

The owners were pleased with the price tag and the ability to monitor energy for all commercial and residential tenants. The Series 8000 Meters are certified by California Weights and Measures to ensure accuracy in measuring devices.

### VerifEye Series 8000 Meter

Designed to meter multi-tenant residential and commercial applications, the VerifEye Series 8000 Multi-Point Meters combine revenue-grade electrical submetering with building automation communications technology and comply with all regulatory electric safety and communications requirements. Series 8000 meters provide 24-meter elements configured as 1-phase, 2-phase, or 3-phase monitors.

### Energy Monitoring Hub

The EMB Hub is an intelligent, flexible data acquisition server allowing users to collect energy data from meters and environmental sensors through Modbus protocol. Designed to connect to IP-based applications such as enterprise energy management, demand response, and smart grid programs, the EMB Hub server allows users to connect thousands of energy points, benchmark energy usage, and reduce energy costs.

Leviton offers spec-ready energy monitoring solutions for commercial and residential applications.