VerifEye™ Submetering Solutions

A tiny home community in Austin, TX adds VerifEye Mini Meter MMUs and Communication Products for power monitoring and tenant billing.

The Challenge

A new tiny home community in Austin, Texas needs to monitor power at each of the park's sixty-six units and bill tenants for usage.

The Installation

Leviton worked closely with project managers to install Mini Meter Multiple Meter Units (MMUs) at each of the units and used VerifEye communication products and software to collect data, bill tenants, and meet energy codes.

The Solution

Leviton installed Mini Meter MMUs, ModHoppers and High Density Pulse Modules to capture and collect individual meter data. Leviton Building Manager Online (BMO) software allows property managers to bill tenants for energy usage and meet energy codes.

Mini Meter MMU

VerifEye™ Mini Meter™ Configured Multiple Meter Units (MMUs) are designed for multi-tenant submetering applications in which multiple single phase loads are fed from the same power distribution panel to be metered.

Suitable for new construction and retrofits, VerifEye Mini Meters have built-in pulse outputs for connection to Automatic Meter Reading equipment as well as on-site kWh displays.

VerifEye Submetering Solutions simplifies the complexities of allocating energy costs and billing tenants.

MMUs have important advantages over multiple individually housed meters including:

- Smaller mounting footprint
- Reduced hardware requirements (conduit, wire, short circuit protection devices, etc.)
- Reduced installation time

ModHopper/High Density Pulse Module

The ModHopper uses a mesh technology design making connecting ModBus and pulse devices simple and cost effective. The ModHopper transceivers eliminate the need for costly wiring runs allowing users to capture submeter data in the most challenging retrofit environments.

The High Density Pulse Module easily integrates data into a network to provide comprehensive energy monitoring network.

Building Manger Online (BMO)

BMO web-based software provides the Measurement & Verification (M&V) tools necessary to get the most out of your submetering system.

- Bill tenants using revenue-grade metering for their portion of kWh/consumption during any designed period for owner cost recovery of the master metered electricity
- Stay up to date with user set alarms and email functions for invoicing, energy usage alerts, and more pertinent information
- Easily generate date-based reports for whole building energy sources (electric, gas, water, steam and BTUs) as well as internal buildings systems
- Configure dashboards to graphically display user defined energy information data

VerifEye submeters offer cost-effective scalability and integration to provide a submetering solution for today that can be expanded in the future.

This seamless submetering solution enables smart metering, meets code compliance requirements and simplifies the complexities of allocating energy costs and billing tenants.

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