

# VerifEye for LEED V5 Compliance

## M&V Required Solutions to Meet Advanced Energy Metering Pre-requisites

LEED V5 builds on the foundation of previous versions by offering an outline for sustainable building design with improved environmental outcomes. This version encourages buildings to contribute meaningfully to decarbonization, improve quality of life, and ecological conservation, by integrating strategies like energy and water performance monitoring.

### What Are the Submetering Point Eligibilities in LEED V5?

To earn LEED V5 certification, projects must submit plans and other required documentation that meet certain point thresholds. Incorporating specific technologies and techniques earn different point values, which are specified in the LEED V5 documentation.

- **Water Metering**—earn points by installing a permanent meter that measures total water consumption for each water source in the tenant space, or by installing a permanent submeter for a specified applicable subsystem. Data must be recorded at least once per hour.
- **Advanced Water Metering**—earn points by installing a permanent meter for a specified applicable subsystem to track water consumption. Data must be recorded at least weekly.
- **Energy Metering and Reporting**—permanently installed meters capable of load aggregation for whole-facility energy use (electricity, gas, water, steam, BTU, etc.)
- **Advanced Energy Metering**—earn points for more granular metering capabilities including data reporting for consumption (kWh) and demand (kw) at a minimum of every 60 minutes, and the ability to interface to LAN, BAS, wireless network or other advanced communication protocol
- **Demand Response**—earn points for installing metering equipment to assist with responding to demand response signals from utilities.

### VerifEye LEED V5 Solutions?

VerifEye Submetering Solutions provides many key components that your project needs to earn LEED V5 metering points including meters, communication solutions, and Building Manager Online (BMO) software designed for LEED and other code requirement projects (including IECC, ASHRAE 90.1, and Title 24). VerifEye Submetering allows your team to create a scalable solution for any LEED V5 project or application.

Disclaimer: This document is for informational purposes only. Each project will have its own specific requirements for satisfying LEED V5 certification based on a variety of factors. Other exceptions or details may apply. Review the documentation for specific requirements and/or consult with a professional advisor. Leviton Mfg. Co., Inc. is not responsible for any loss resulting from the use of any information found in this document. Solutions are subject to change without notice. For additional assistance, contact your local Leviton representative.

### Leviton Manufacturing Co., Inc. Lighting & Controls

10385 SW Avery Street, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

## The Highest Level of Submetering Support in the Industry

**VerifEye Design Assistance and Support**  
Leviton's LEED V5 submetering solutions are supported with industry-leading resources designed to simplify every stage, from project planning to installation and product usage.

VerifEye [website](http://leviton.com/verifeye) for the latest product information, literature downloads, videos and more, available at [leviton.com/verifeye](http://leviton.com/verifeye)

**ez-Learn™** is online training from the comfort of your home or office, available 24/7 at [leviton.com/ezlearn](http://leviton.com/ezlearn)

Dedicated VerifEye support at 800-959-6004 or [meters@leviton.com](mailto:meters@leviton.com)



LEED V5 Rating System	Impacts	Type/ Points	Description	Requirements
<b>Building Design and Construction (BD&amp;C)</b>	<ul style="list-style-type: none"> <li>• New Construction (NC)</li> <li>• Core and Shell (CS)</li> <li>• Schools</li> <li>• Retail</li> <li>• Healthcare</li> <li>• Data Centers</li> <li>• Hospitality</li> <li>• Warehouse and Distribution Centers</li> <li>• Homes and Multi-Family Low-Rise</li> <li>• Multi-Family Mid-Rise</li> </ul>	WE Prerequisite	Water Metering and Reporting	<ul style="list-style-type: none"> <li>• Permanently installed meters to monitor, record, and report the total water consumption of potable and alternative water sources in building and associated grounds</li> <li>• Facility management and/or tenants must be able to access data</li> <li>• Meter alternative water sources separately from municipally supplied potable water</li> <li>• Agree to share data with USGBC at least annually, for 5 years</li> </ul>
		EA Prerequisite	Energy Metering and Reporting	<ul style="list-style-type: none"> <li>• Install (or use existing) devices to monitor or record energy per ANSI/ASHRAE/IES Standard 90.1</li> <li>• Install (or use existing) devices to monitor and record energy use for renewable electricity generation according to ASHRAE standards for electrical end uses</li> <li>• Buildings eligible for exceptions to ASHRAE 90.1 must install measurement devices capable of monitoring whole-building energy use for each building energy source and building peak electricity demand</li> <li>• Data acquisition platform required with remote access capabilities</li> <li>• Monthly and annual reporting of total energy consumption</li> <li>• Agree to share data with USGBC at least annually, for 5 years</li> </ul>
		WE Credit (1 point)	Water Metering and Leak Detection	<ul style="list-style-type: none"> <li>• Permanently installed meters to measure potable water use in specified building subsystems</li> <li>• Facility management and/or tenants must be able to access data</li> <li>• Submeter must be capable of recording at least hourly data               <ul style="list-style-type: none"> <li>• Meters must be installed for future tenant spaces so that tenants will be capable of independently metering water consumption</li> <li>• Must provide enough meters to capture total potable water use with a minimum of one per floor</li> </ul> </li> <li>• Healthcare projects have additional 5 water subsystems they must meter</li> <li>• Permanently installed metering in each residential dwelling unit</li> </ul>

LEED V5 Rating System	Impacts	Type/ Points	Description	Requirements
Interior Design and Construction (ID&C)	<ul style="list-style-type: none"> <li>• New Construction (NC)</li> <li>• Core and Shell (CS)</li> <li>• Commercial Interiors</li> <li>• Retail</li> <li>• Hospitality</li> </ul>	WE Prerequisite	Water Metering and Reporting	<ul style="list-style-type: none"> <li>• Install (or use existing) permanent water meters or submeters that measure the total water consumption for each water source for the tenant space</li> <li>• The tenant must be able to access data</li> <li>• Meter alternative water sources separately from municipally supplied potable water</li> <li>• Agrees to share data with USGBC at least annually, for 5 years</li> <li>• Permanently installed meters to measure potable water use for specified building subsystems</li> <li>• The tenant must be able to access data</li> <li>• Meters must be capable of recording data hourly</li> </ul>
	<ul style="list-style-type: none"> <li>• Commercial Interiors</li> </ul>	WE Credit (1 point)	Advanced Water Metering	<ul style="list-style-type: none"> <li>• Interior spaces with gross area of at least 10,000 sq ft (929 sq m), install (or use existing) measurement devices to monitor and record tenant energy use per ANSI/ASHRAE/IES Standard 90.1</li> <li>• Interior spaces less than 10,000 sq ft (929 sq m), or for all alterations replacing electrical power distribution or providing new energy service directly to the tenant from a utility, energy provider, or plant that is not in the building, provide measurement devices capable of measuring total energy consumption for each new service, at least monthly</li> <li>• Monthly and annual reporting of total energy consumption</li> <li>• Agree to share data with USGBC at least annually, for 5 years</li> </ul>

LEED V5 Rating System	Impacts	Type/ Points	Description	Requirements
<b>Operations and Maintenance (BOM)</b>	<ul style="list-style-type: none"> <li>Existing Buildings</li> </ul>	WE Prerequisite	Water Metering and Reporting	<ul style="list-style-type: none"> <li>Permanently installed meters to monitor, record, and report the total water consumption of potable and alternative water sources in building and associated grounds</li> <li>Facility management and/or tenants must be able to access data</li> <li>Annual total water reporting</li> <li>Agree to share data with USGBC at least annually, for 5 years</li> </ul>
		EA Prerequisite	Energy Metering and Reporting	<ul style="list-style-type: none"> <li>Permanently installed meters that measure total building energy consumption (kWh, kW, gas, steam, BTU, etc.)</li> <li>Calibrate meters within the manufacturer's recommended interval</li> <li>Tenant meters may be excluded for up to 10% of the gross building area</li> <li>Monthly and annual reporting</li> </ul>
		WE Credit (1 point)	Advanced Water Metering	<ul style="list-style-type: none"> <li>Permanently installed meters for at least two specified water subsystems</li> <li>Weekly reporting</li> <li>Calibrate meters within the manufacturer's recommended interval</li> </ul>
		EA Credit (1 point)	Peak Load Reduction Performance	<ul style="list-style-type: none"> <li>Meters must measure building electric demand hourly</li> <li>Tenant meters without hourly interval capabilities may be excluded for up to 20% of the gross building area</li> <li>Monthly and annual reporting</li> <li>Must show 10% reduction monthly peak demand during the two months with the highest demand</li> </ul>
		EA Credit (1 point)	Peak Load Management	<ul style="list-style-type: none"> <li>Participate in a demand response program with a utility or demand response aggregator</li> </ul>