

DISTINGUISH YOURSELF AS A LEADER

WITH **ULTRA HIGH PERFORMANCE HVAC** FROM OPTIMUM ENERGY

Today it's not enough to say your green, you've got to prove it. Leading facilities are doing just that through Leadership in Energy and Environmental Design (LEED®) certification and ENERGY STAR® labels. In addition to establishing yourself as a friend to the environment, your building will be healthier, use less energy and cost less to operate.

Focus on Efficiency, Maximize Your Return

HVAC systems in commercial buildings are energy gluttons, consuming on average 40% of a building's total energy outlay. Research¹ shows that projects prioritizing energy efficiency as a key LEED strategy are likely to perform better overall. Research also shows that ongoing performance measurement and analysis are critical to sustaining a building's efficiency and environmental impacts over its lifecycle.

ENERGY STAR and LEED: Your Path to Sustainability

Optimum Energy offers a sensible approach that helps increase your building's energy efficiency, and contributes to your LEED certification and ENERGY STAR scores. With OptimumHVAC™ you get continuous wire-to-water optimization of your HVAC system combined with Web-based measurement, verification and

management services to maximize energy performance and enhance occupant comfort. The result? A 30-60% reduction in energy use, lower operating expenses and a smaller environmental footprint – and the confidence these savings will persist year after year.

Boost Your Popularity and Your Profitability

People like green. According to the USGBC², green buildings have 27% higher occupant satisfaction. With efficiency solutions like Ultra High Performance HVAC, not only can you attract and keep quality tenants in your buildings, but you can improve your bottom line through lower energy costs and lower maintenance costs.

LEED the Way

Optimum Energy's end-to-end delivery model supports your LEED certification efforts at every stage of the process. We provide critical data and documentation that contributes to the achievement of 27 Energy and Atmosphere (EA) credits within the latest version of the LEED for Existing Buildings: Operations & Maintenance building certification program.

BY MAKING THE “GREEN” COMMITMENT, YOU’LL ATTRACT AND KEEP QUALITY TENANTS IN YOUR BUILDINGS.

OptimumHVAC Contributions to LEED for Existing Buildings: Operations & Maintenance

OptimumHVAC helps reduce wire-to-water HVAC energy consumption 30-60%, which can lead to higher ENERGY STAR scores.	EA Credit 1: Optimize Energy Efficiency Performance	1 to 18 points, based on ENERGY STAR score between 71 and 100
In the discovery phase, Optimum Energy will conduct an energy analysis of your HVAC system, prepare a capital improvement plan and calculate your return on investment. We'll use that information to develop an ongoing commissioning plan based on the use of OptimumHVAC.	EA Credit 2.1: Existing Building Commissioning – Investigation and Analysis	2 points
During implementation, we'll provide training and show your team how OptimumMVM is their portal to 24/7 performance measurement, verification and management.	EA Credit 2.2: Existing Building Commissioning – Implementation	2 points
Ongoing commissioning provided by OptimumHVAC will continuously optimize the performance of your entire HVAC plant (including the centrifugal chiller, pumps and fans) based on the real-time load requirements of your building. With OptimumMVM, you'll be able to track and document energy savings and carbon emissions reductions, verify equipment performance, and view trend data for preventive maintenance.	EA Credit 2.3: Existing Building Commissioning – Ongoing Commissioning	2 points
	EA Credit 3.2: Performance Measurement – System Level Metering	1-2 points
	EA Credit 6: Emissions Reduction Reporting	1 point

Designing a New Building?

Optimum Energy's software solutions can contribute to achievement of up to 24 EA credits within the latest version of LEED for New Construction & Major Renovations.

- Credit 1: Optimize Energy Performance – 1 to 19 points
- Credit 3: Enhanced Commissioning – 2 points
- Credit 5: Measurement and Verification – 3 points

References

1 Regional Green Building Case Study Project: A post occupancy study of LEED projects in Illinois. Fall 2009. U.S. Green Building Council – Chicago Chapter.

2 USGBC Green Building Fast Facts

Do Good. Do Well. And Prove It.

This material is copyrighted. The manipulation, duplication and/or modification of this material, data or parts of it as well as the inclusion / mixture in / with other services / products is not allowed without the written consent of Optimum Energy, LLC. Seattle, Washington.

Why Wait? Get Started Now

Are you ready to earn more LEED and ENERGY STAR points for your project? Be the first on your block to shift to Ultra High Performance HVAC and increase your HVAC efficiency by up to 60%. Call Optimum Energy today.



Optimum Energy LLC

411 First Avenue South | Suite 620
Seattle, WA 98104

T 877.809.HVAC (4822)

F 888.221.0568

e-mail info@optimumenergyHVAC.com

OptimumEnergyHVAC.com