



## Energy & Environmental Optimization

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**Green buildings, efficiency, smart buildings.** You've read the articles, you've gotten the "energy audits", but what's the best way to decide how to assess whether your building is as efficient as it should be? And how do you do that without sacrificing occupant comfort, health or security?

EEO Program Certified Professionals are equipped with the training, tools and experience to quickly assess your building's current state and consult with you on the goals and objectives of your energy efficiency project. These energy efficiency professionals participate in a rigorous training program learning how to guide building owners and managers through a structured process of analysis and discovery. Leveraging the unique EEO Toolset, they will partner with you to develop the right solution for your building.







# EEO Program Certified professionals can help you

**A**

Assess your building's energy use

**B**

Build a plan for increasing its  
energy efficiency

**C**

Commit to designing the right  
solution to keep it running  
efficiently and keeping its  
occupants comfortable and  
secure

# Make the invisible visible.

At its most basic, HVAC is a system for moving air and water through a building to regulate the interior environment. Valves open and close, fans speed up and slow down, burners and boilers turn on and off. And it's all invisible to the building occupants. But what if you could "see" the air and water moving throughout the building by measuring the amount of energy it takes to make all of these interactions happen? What if this information could help you identify that oversized boiler or areas of the building with poor window insulation?

Visibility into a building's performance and how it affects how people live and work in a space is becoming increasingly important to a broader audience, CTOs, HR etc.

By designing and installing controllers and sensors that integrate with the Building Automation System (BAS), your EEO Program Certified professional can help make the invisible in your building visible. System performance will be optimized to minimize energy consumption while maintaining a comfortable and safe indoor environment at all times. Data is automatically gathered, analyzed and graphically displayed to support the mission of the business and address the concerns of all stakeholders.

EEO Certified professionals have the tools and training to understand what data is important to gather and how to best display it for all stakeholders. From the C-Suite to the Facility Director, maintenance technicians or the sustainability committee – your EEO professional can help you fine tune your Building Automation System to provide the detailed data you need, without the extraneous clutter you don't want.

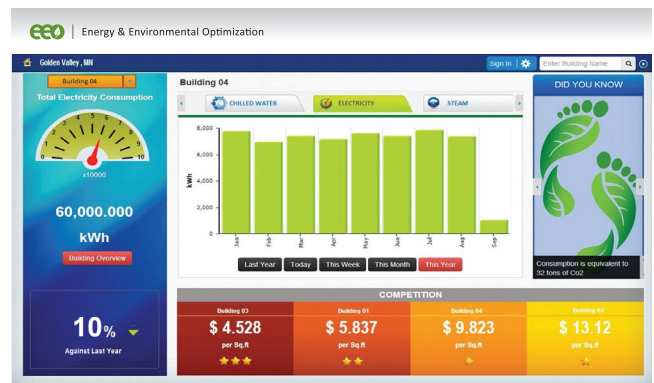
## You can't manage what you don't measure.

The most common approach to energy monitoring is looking at monthly utility bills. This is like driving your car by looking at your gas receipts – once a month! The only way to fully understand where energy is being used – and wasted – is by metering. EEO Professionals understand that meter data collected for the entire building or submetered at key loads provides the critical information needed for assessing energy use, building a plan for optimizing performance of the facility and committing to the energy-reduction measures identified.

EEO Certified Professionals can help building owners and managers get real-world data to help them make fact-based decisions about how to optimize their buildings for occupant comfort and energy efficiency. Doing this brings long-term benefits in the form of lower energy bills and more content tenants. In addition, these energy efficiency benchmarking scores are used during lease or purchase evaluations, making them a valuable building attribute.

## New Market Mandates.

Comfort, convenience and a safe, healthy and efficient indoor environment are basic expectations, regardless of what kind of building you are in. Customers, employees, visitors, students, parents and anyone who enters a building are expecting conditions to be "right", holding owners and operators to a higher standard than ever before. Building automation is becoming more and more complex to meet these higher expectations. Lights turn on and off or temperatures are adjusted when occupants enter a room. Building control and information is provided through a smart phone. At work, school and home, consumers are bringing these expectations into every building they enter.





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Assessing your building's current energy use, building a plan for improvements and committing to its implementation. **Partnering with an EEO Program Certified professional makes it that easy.**

For more information and to find an EEO Program Certified professional that's right for you, go to [EEOprogram.com](http://EEOprogram.com)

