



Energy Efficiency Practitioner

An Entry-Level Certification for Energy Efficiency Professionals

Who are Energy Efficiency Practitioners?

- Are you a young professional looking to jump-start your career?
- Are you an energy technician responsible for the operation and maintenance of your company's building, looking for job recognition or career growth?
- Are you a building owner looking to understand how you can make your facility more energy efficient without an in-depth knowledge of energy engineering?

Energy efficiency practitioners are managers or technicians engaged in facility and building management, maintenance, and operation. They can be from any sector of the community, such as business, government, institutional, or industrial. If you work in an office block, high-capacity residential, hospital, school or university, government, or municipal building, becoming a Certified Energy Efficiency Practitioner (EEP™) may be right for you.



What does the Energy Efficiency Practitioner (EEP™) Certification Program offer?

This program helps educate and qualify recent entrants into the energy management field or non-engineers on best practices for improving energy efficiency and sustainability in buildings and facilities. By obtaining the EEP Certification, candidates gain industry and peer recognition by demonstrating their understanding of technical and operational energy management principles. The program raises the professional standards, both technical and ethical, of those engaged in energy efficiency and energy management.

What is the bottom line for me or my company?

Gaining a wide-reaching and industry-recognized certification is always a personal and financial investment. Since its inception in 2013, the EEP certification program has demonstrated its validity year after year. Individuals already engaged in energy efficiency report career improvements in the form of salary and responsibility increases. For young professionals, the certification shows a fundamental understanding of the industry and a commitment to their career. Companies with an EEP on-staff report immediate savings after the employee returns from a training program, due to the measures they implement to improve energy usage. Contractors that employ EEPs often see a higher affinity with their customers because EEPs understand their customer's requirements and speak the language of energy efficiency.

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What functional areas does the EEP™ Certification Program cover?

The certification program requires fundamental knowledge across several core management practices, and systems typical to a large building, as well as the building's operation, maintenance, and management. These include:

- Energy Production, Transmission and Distribution
- Building Utilities & Energy Bills
- Economics
- Energy Auditing and Instrumentation
- Electrical Systems
- Motors & Drives
- Lighting
- Thermal Energy
- Systems
- Building Automation Systems
- Mechanical Systems & HVAC
- Maintenance
- Renewable Energy/ Carbon Reduction

How do I become eligible for AEE's EEP™ certification?

Every certification program offered by AEE is defined by strict standards to ensure the program maintains its industry-wide recognition and credibility. To that end, AEE stipulates three criteria that all candidates must meet. Firstly, applicants must have relevant experience or educational credentials (see below). Secondly, candidates must undergo a defined training program that aligns with the fundamental knowledge base of the program, and the principles and practices of the industry as a whole. Thirdly, candidates must pass the associated exam to demonstrate their technical knowledge, proficiency, and abilities in the area of energy efficiency.

Experience & Education

Applicants must meet one of the following eligibility criteria:

- Have a 2-year technical degree or 4-year degree from an accredited university or college.
- Be currently employed in a company and practicing energy efficiency, energy management, or operations and maintenance of a building or facility.
- Have at least 1 year experience in energy efficiency, energy management, or operations and maintenance of a building or facility.
- An individual actively participating in an energy, sustainability operations or maintenance education program.
- Be a Military Veteran.

Why would I want to take a training program when I believe I already have the knowledge and experience required to pass an exam?

The EEP Training program provides more value than only preparing individuals to take the associated exam. It brings all candidates to a base level of understanding of energy efficiency essentials, including terminology and the technical aspects of systems and equipment that energy managers are responsible for in buildings and facilities. It also teaches the crucial steps of management and organizational strategies, including auditing, measurement, commissioning, payback, and maintenance. Candidates learn how to identify the low-cost, no-cost system improvements that can provide immediate financial benefits, and it looks at new approaches to clean and renewable energies, and what to consider for ongoing sustainability.

For those entrenched in their normal daily activities, attending a training program, held away from the office, in a classroom environment can be a catalyst for improvement and change. For many, the chance to network, connect, and learn from other like-minded individuals is incredibly valuable.

I obtained my EEP™ Certification, where do I go next?

The EEP certification can kick-start your career. Many energy professionals use this program to develop their background knowledge before embarking on a path to the Certified Energy Manager® (CEM®) or Business Energy Professional® (BEP®) certifications or specializing in lighting or building commissioning. Once complete, make sure you maintain your account and keep track of your certification on aeecenter.org.

You can also keep up to date on energy management practices and technologies by joining your local AEE Chapter. Energy professionals continuously tell us that they stay ahead in the industry by getting involved in their local community.

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