



Certified Business Energy Professional

An Industry Recognized Certification for Business and Marketing Professionals Working in the Fields of Energy Management & Energy Efficiency

Who are Certified Business Energy Professionals?

- Are you a Business Professional that oversees the work of Energy Professionals?
- Are you an Energy Professional that presents and justifies energy-saving projects to your organization's executive management team for review and approval?
- Are you a consultant that proposes energy-efficiency projects to your clients?
- Are you involved in the process of deciding which business improvement programs get approved?

Energy Professionals that are effective at the highest levels, understand energy management and its relation to business and consider all possible factors when implementing energy improvement programs or projects. It is important for Energy Managers to understand both the internal and external factors that affect the success of these projects, from technical and operational, to market pressures, regulations, and legislation. Certified Business Energy Professionals also understand how important energy decisions affect the organization's energy-consuming systems, how these systems affect employee productivity and how these decisions can affect the organization's financial profitability and bottom line. They can present and justify these programs and projects for approval, and more importantly, understand how to compare projects that compete and make objective decisions on which projects should move forward with approval.



What does the Certified Business Energy Professional (BEP®) Certification Program offer?

This program helps educate and qualify individuals involved in the value and impact of energy improvement projects on business. By obtaining the BEP certification, candidates gain industry and peer recognition by demonstrating their understanding of core principles, practices, and technologies related to energy management and efficiency. The program raises the professional standards, both technical and ethical, of those engaged in this specialized, but growing industry sector.

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. Individuals report career improvements in the form of salary and responsibility increases. The certification shows individuals hold a fundamental understanding of the profession and a commitment to the highest standards of quality. Companies, organizations, and consultants with a BEP on-staff often see a higher affinity with their customers because BEPs understand their customer's requirements and are trusted to report and validate energy metrics and potential savings.

aeecenter.org/bep

What functional areas does the BEP® Certification Program cover?

The certification program requires fundamental knowledge across several core principles and practices specific to energy management. These include:

- Codes & Standards; and Green Buildings
- Energy Fundamentals
- Utility Rates
- Electric and Gas Procurement
- Energy Accounting & Metering
- Energy Audits and Instrumentation
- Energy Economics, Financing Energy Projects, and Performance Contracting
- Commissioning; Measurement and Verification
- Building Systems
- Industrial Systems
- Energy Efficient Equipment & Applications

How do I become eligible for AEE's BEP® 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 BEP 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 and energy management.

Experience & Education

Applicants must meet one of the following eligibility criteria:

- Hold a related* bachelor's degree OR Professional Engineer (PE) OR Registered Architect (RA) and 2+ years related* work experience.
- Hold a 4-year unrelated Bachelor's degree and 3+ years related* work experience.
- Hold a 2-year associate degree and 5+ years related* work experience.
- Have 8+ years related* work experience
- Be a current Certified Energy Manager (CEM®).

*Related degree includes business, marketing, finance, engineering, or architecture and related experience includes business, marketing, sales in the energy field.

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

A BEP training program provides more value than only preparing individuals to take the associated exam. It brings all candidates to a base level of understanding across a wide variety of energy efficiency and energy management topics.

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 BEP® Certification, where do I go next?

The BEP certification can help define your status as an energy professional and help progress your career. 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.

[Find Your Local AEE Chapter](#)

Which companies and industries value an AEE certification?

You can find AEE certified professionals across markets and industry sectors, from utilities, ESCOs, major multi-national corporations, power companies, respected controls contractors, and manufacturers, to federal, state, and local governments, military, universities, and school boards. Many of these organizations require a certification as a condition of hiring or a requirement for advancement. Government organizations request certified professionals within “Requests for Proposals.” The following list is a sample of companies across a wide range of industries that have demonstrated they value AEE certified professionals.

- 3M
- 3M Canada
- Abbott Laboratories
- AK Steel
- ALCOA
- Alliance to Save Energy
- American Axle & Manufacturing
- Amgen
- Anheuser Busch
- ArcelorMittal
- Archer-Daniels-Midland
- AstraZeneca
- Atlas Copco Canada
- Baxter Healthcare
- Bayer Corporate & Business Services
- Bechtel National
- BMW Manufacturing Corporation
- Boeing
- BP North America
- Briggs & Stratton Corporation
- Bristol Myers Squibb
- Burrows Paper Corporation
- CalsonicKansei North America
- Cargill
- Carrier Corp - UTC
- Caterpillar Inc
- CEMEX, Inc.
- Chevron
- Chrysler
- Conoco Phillips
- Cummins
- Dana Holdings Corporation
- Deere & Co.
- Dell, Inc
- Delphi Corporation
- Duracell
- Eastman Chemical Company
- Eli Lilly & Company
- Eurocan Pulp and Paper
- ExxonMobil
- Fluor
- Ford Motor Company
- Freescale Semiconductor
- Frito-Lay, Inc.
- Fruit of the Loom
- GE Energy
- GE Wind Energy LLC
- General Mills Inc.
- General Motors Energy & Utilities Services Group
- General Motors of Canada
- Georgia Tech Enterprise Innovation Institute
- GlaxoSmithKline
- GM - Brazil
- Goodyear Tire & Rubber Co
- Harley-Davidson Motor Company
- Hess
- Hewlett-Packard
- Hormel Foods
- IBM
- Intel
- John Deere
- Johnson & Johnson
- Kimberly-Clark
- Kraft Foods
- La-Z-Boy Inc
- Lockheed Martin
- Lone Star Steel Company
- Masco Corporation
- McCain Food USA
- Merck
- MillerCoors, LLC
- Motorola
- Nalco Company
- Nestle Purina Pet Care.
- Nestle USA, Inc.
- Northrop Grumman
- Novartis
- Owens Corning
- Papa John’s International
- Penske Truck
- PepsiCo
- Petrobras
- Pfizer
- PPG Industries
- Pratt & Whitney
- Pratt & Whitney Canada
- Procter & Gamble Mfg. Co.
- QuikTrip Corporation
- Raytheon
- Rockwell Automation
- RR Donnelly
- Sanofi-Aventis
- Shaw Industries, Inc.
- Shell Global Solutions
- Sherwin-Williams
- Sikorsky Aircraft Corporation
- Standard Motor Products, Inc.
- Subaru of Indiana Automotive, Inc
- Sunoco, Inc.
- The Dow Chemical
- Towson University
- Toyota
- Tropicana Products, Inc.
- U.S. Steel
- Unilever
- United Technologies
- US DOE
- US EPA
- US Steel
- Vought Aircraft
- Wal-Mart
- Walt Disney
- Weyerhaeuser Company
- Whirlpool
- Wyeth
- Xerox
- Yum! Brands, Inc.

**Find A
Certified Professional
Near You**
AEE Certified Professionals Directory