

Energy Management Systems (EMS) are advanced on-site technologies designed and proven to optimize the energy performance of multifamily properties with central heating systems. This exciting and innovative technology, when installed, operated, and maintained correctly, can significantly reduce energy waste and better manage heating costs in centrally-heated buildings.

This two-day course will expose participants to the basic operation of energy management systems, and the importance of proper monitoring and fine tuning. Training will incorporate hands-on exercises in AEA's Heating and Cooling Lab, which features several fully functional energy management systems. Participants will develop the skills needed to properly interpret the data collected from these systems, and evaluate and improve the existing control strategies.



Key Course Objectives:

In this course students will learn how to:

- Define the basic operation of energy management systems
- Monitor and analyze data on heating system performance
- Identify heating and distribution system problems

Who Should Take This Course:

This course is right for you if you are a:

- Building Operator or Superintendent
- Building Owner or Property Manager
- Energy or Sustainability Manager
- Multifamily Energy Auditor



AEA Boiler Training Laboratory

Featuring functional Boiler and Energy Management Systems



Course Fees: Regular Fee: \$500

Pre-registration & payment required.

Register online at aea.us.org/calendar.html.

2015 NYSERDA Discounted Fees: \$200

Veterans: Free

(See NYSERDA requirements on reverse.)

Continuing Education Units: BPI: 6 AIA: 14 LU

Learn about our course offerings: www.aea.us.org/education.html | Contact our training department: 718.292.6733 x 8023

Association for Energy Affordability, Inc.

Main Office & Energy Management Training Center
105 Bruckner Boulevard, Bronx, NY 10454



NYSERDA Discount Eligibility: Individuals living in the New York System Benefits Charge (SBC) service territory or working for companies participating in SBC or EEPS programs are eligible for reduced tuition rates, thanks to NYSERDA support for this training. In addition, AEA will waive the student’s share of the tuition fee for Veterans eligible for NYSERDA discounts who document their service.

If you are not sure whether you live in or work for a company participating in SBC or EEPS programs, or wish to provide documentation of military service, please contact our Training Department at (718) 292-6733 x8023 or email us at aeatraininginfo@aea.us.org.

Student Assessment: Students will be assessed for learning comprehension daily through class exercises, multiple-choice written tests, practical skills observations, and self-assessment tools. In order to receive a certificate of successful completion, students must attend a minimum of 75% of the training and receive a combined overall score of 70% on the end-of-course written test and practical skills observations. For successful course completion, neither the written test nor practical skills observation score can be below 50%.

Health and Safety: Students are required to wear construction-appropriate footwear and clothing. Appropriate personal protective equipment (PPE) will be provided by the Training Center based on training activities. This course involves the use of heavy diagnostic equipment, entry into confined spaces, ladder use, and other physical activity. If you have a condition might prevent you from full participation, contact AEA at the number below for a confidential discussion on how we can best accommodate your needs and ensure your health and safety.

The **Association for Energy Affordability, Inc.** is dedicated to achieving energy efficiency in new and existing buildings in order to foster and maintain affordable and healthy housing and communities, especially those of low-income.

Training at AEA: We provide in-person training at our learning facilities in New York City; Emeryville, CA; and Chicago. Two state-of-the-art facilities in the Bronx (NYC) provide students with a wide range of opportunities for classroom and hands-on training. AEA’s Energy Management Training Center is also a working lab for innovations and developments in sustainable energy resources and renewable technology. Using our high-definition distance learning network, many AEA courses are available in multiple AEA locations and through our Weatherization Training Center partners, enabling students to learn from and interact in real time with leading national experts in areas of their specialization.

AEA educators and trainers are recognized as some of the very best in the field, with experience in energy auditing and design, work scope and specification development, retro-commissioning, project management, quality assurance, managing and developing programs, and related subjects. AEA trainers are skilled in communicating effectively with adult learners at all levels.

As one of the nation’s first BPI affiliates and a National Weatherization Training Center funded the US Department of Energy, AEA has been instrumental in developing standards, curriculum and best practices that underlie the knowledge, skills and abilities workers require to achieve energy efficiency goals in buildings.



TEST CENTER

AEA has been a BPI affiliate since 1998, and is an approved BPI Test Center and Continuing Education Provider.

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