

# Association for Energy Affordability (AEA) Trainings

## Introductory Courses

**Foundational Building Courses:** AEA has a suite of foundational courses offered via an online, on-demand platform covering core concepts of building science, ventilation, building envelope, electric space conditioning, electric water heating, and renewables. This suite of courses provides the foundation for high performance all-electric buildings in a self-paced environment.

**Introduction to Electrification:** These series of courses discuss the benefits of electrification and the current policy and code considerations, provides an overview of what should be considered in an all-electric multifamily project (both new and retrofit), and explore technologies for electrification for all end uses, as well as the role of solar PV and electric vehicles. Case studies are presented to demonstrate real world success.

## Intermediate Courses

AEA offers advanced courses that will build on the foundational courses to cover more in-depth topics. These courses cover subjects such as multifamily electrification retrofits, deep dives into heat pump HVAC systems, and advanced individual heat pump water heating and central heat pump water heating designs and installations. These longer courses that are delivered through live webinar or live classroom, will be coupled with exercises that are intended to advance technical knowledge of the participants.

## Advanced Courses

The intent of these trainings, typically conducted in the field, is to provide participants with hands-on experience with specific system types. Where possible, the manufacturer representative will be present for in field trainings to provide technical information from their perspective, blended with design, cost, feasibility, and operation considerations presented by AEA. Courses are centered around specific central heat pump water heating systems and whole building heat pump retrofits.



The Association for Energy Affordability, Inc. is dedicated to achieving energy efficiency in new and existing multifamily buildings in order to foster and maintain affordable and healthy housing and communities, especially those of low-income. AEA representatives engage in a broad range of educational, technical and construction management activities and services to promote this mission and develop the industry that advances and sustains it.

Interested in signing up for  
AEA trainings?

Please visit [aea.us.org/  
electrification-knowledge-hub](https://aea.us.org/electrification-knowledge-hub)

