

2023 Trainings for Contractors

FEBRUARY – JUNE

Enroll in TECH Clean California's training courses. Scan the QR code shown below or find all of the trainings listed at techcleanca.com/events.



Multifamily Central Water Heating Field Training (AEA)

Date/Time: February 2023

Location: In-person

Register: *Details coming soon.* Check qrco.de/ekhub for updates.



Airflow Testing and Diagnostics (NCI)

Date: February 9, 8 AM – 5 PM PT

Location: NCI Anaheim, 2050 S. Santa Cruz St., Suite 1000, Anaheim, CA 92805

Register: qrco.de/feb9th



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: February 13, 7 AM – 9 AM PT

Location: Online

Register: qrco.de/feb13th



Multifamily Electrification 101 (AEA)

Date: February 15, 10 AM – 11:30 AM PT

Location: Online

Register: qrco.de/feb15th



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: February 27, 7 AM – 9 AM PT

Location: Online

Register: qrco.de/feb27th



Residential Space Conditioning and Water Heating (EMH)

Date: March 1-3, 8 AM – 4:30 PM PT

Location: Ferguson San Leandro, 1936 Fairway Dr San Leandro, CA 94577-5631

Register: qrco.de/mar1-3



Residential Space Conditioning and Water Heating (EMH)

Date/Time: March 8-10, 8 AM – 4:30 PM PT

Location: Refrigeration Supply Distributor, 1201 Monterey Pass Rd., Monterey Park, CA 91752

Register: qrco.de/mar8-10



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: March 15, 7 AM – 9 AM PT
Location: Online
Register: qrco.de/mar15th



Multifamily Electrification Retrofits for Property Owners (AEA)

Date: March 16, 9 AM – 11 AM PT
Location: Online
Register: qrco.de/mar16th



Refrigerant-Side Performance (NCI)

Date: March 21-22, 8 AM – 5 PM PT
Location: Ferguson Enterprises, 8220 Ferguson Ave, Sacramento, CA 95828
Register: qrco.de/mar21-22sac



Refrigerant-Side Performance (NCI)

Date: March 21-22, 8 AM – 5 PM PT
Location: NCI Anaheim, 2050 S. Santa Cruz St., Suite 1000, Anaheim, CA 92805
Register: qrco.de/mar21-22ana



Installing Individual Heat Pump Water Heaters (AEA)

Date: March 22, 10 AM – 12 PM PT
Location: Online
Register: qrco.de/mar22nd



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: March 27, 7 AM – 9 AM PT
Location: Online
Register: qrco.de/mar27th



Central Heat Pump Water Heater – Advanced Design & Installation (AEA)

Date/Time: March 30, 9 AM – 11 AM PST
Location: Online
Register: qrco.de/mar30th



Multifamily Central Water Heating Field Training (AEA)

Date/Time: April 2023
Location: In-person
Register: *Details coming soon. Check qrco.de/ekhub for updates.*



Residential HVAC System Performance & Electrification (NCI)

Date/Time: April 4-6, 8 AM – 5 PM PT (8 AM – 12 PM PT on April 6)
Location: Ferguson Enterprises, 8220 Ferguson Ave, Sacramento, CA 95828
Register: qrco.de/apr4-6



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: April 10, 7 AM – 9 AM PT
Location: Online
Register: qrco.de/apr10th



Residential Space Conditioning and Water Heating (EMH)

Date: April 12-14, 8 AM – 4:30 PM PT
Location: Santa Clarita Ferguson, 26470 Summit Circle, Santa Clarita, CA 91350
Register: qrco.de/apr12-14



Multifamily Electrification 101 (AEA)

Date: April 19, 9:30 AM – 11 AM PT
Location: Online
Register: qrco.de/apr19th



Residential HVAC System Performance & Electrification (NCI)

Date: April 25-27, 8 AM – 4:30 PM PT (8 AM – 12 PM PT on April 27)
Location: NCI Anaheim, 2050 S. Santa Cruz St., Suite 1000, Anaheim, CA 92805
Register: qrco.de/apr25-27



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: April 26, 7 AM – 9 AM PT
Location: Online
Register: qrco.de/apr26th



Retrofit Applications and Electrical Assessments (AEA)

Date: April 26, 9 AM – 12 PM PT
Location: Online
Register: qrco.de/apr26



High-Performance HVAC Design and Redesign for Electrification (NCI)

Date: May 3-5, 8 AM PT – 5 PM PT
Location: Sacramento/Ferguson Enterprises, 8220 Ferguson Ave, Sacramento, CA 95828
Register: qrco.de/may3-5sac



High-Performance HVAC Design & Redesign for Electrification (NCI)

Date/Time: May 8-10, 8 AM – 5 PM PT
Location: NCI Anaheim, 2050 S. Santa Cruz St., Suite 1000, Anaheim, CA 92805
Register: qrco.de/may8-10



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: May 8, 7 AM – 9 AM PT
Location: Online
Register: qrco.de/may8th



Residential Space Conditioning & Water Heating (EMH)

Date: May 17-19-10, 8 AM – 4:30 PM PT

Location: Sonoma Clean Power – Advanced Energy Center, 741 4th Street, Santa Rosa, CA 95404

Register: qrco.de/may17-19



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: May 24, 7 AM – 9 AM PT

Location: Online

Register: qrco.de/may24th



Multifamily Central Water Heating Field Training (AEA)

Date/Time: June 2023

Location: In-person

Register: *Details coming soon. Check qrco.de/ekhub for updates.*



Multifamily Electrification 101 (AEA)

Date: June 7, 10 AM – 11:30 AM PT

Location: Online

Register: qrco.de/june7th



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: June 12, 7 AM – 9 AM PT

Location: Online

Register: qrco.de/jun12th



Installing Individual Heat Pump Water Heaters (AEA)

Date: June 28, 10 AM – 12 PM PT

Location: Online

Register: qrco.de/june28th



Introduction to Heat Pump Water Heater Education (TECH & ESMAC)

Date: June 28, 7 AM – 9 AM PT

Location: Online

Register: qrco.de/jun28th

Course Descriptions

Airflow Testing and Diagnostics Intended for HVAC contracting firm owners, managers, and technicians, this 8-hour class provides technical training on performing static pressure testing, how to professionally install static pressure test ports, and how to measure and interpret static pressures.

Central Heat Pump Water Heater – Advanced Design & Installation The heat pump market in the US is evolving and new technologies are being brought in to expand options and applications. Come take a deeper dive into some existing water heating systems, sizing calculations, design options and load shifting. Learn about emerging technologies, new applications of existing technologies and controls to support all-electric water heating in multifamily buildings.

High-Performance HVAC Design & Redesign for Electrification This National Comfort Institute training package includes three-day training in which you will learn to accurately complete four stages of system design using NCI and ACCA Manual J, S, D, and T. This course, normally \$1,000, is being offered for just \$150. Lunch is included.

Installing Individual Heat Pump Water Heaters Learn about design, sizing, and installations aspects of individual heat pump water heaters. Learnings apply to multifamily and single-family conditions. Learn about the constraints and opportunities for different building configurations.

Introduction to Heat Pump Water Heater Education TECH overview, ENERGY STAR® overview, Manufacturers Heat Pump Water Heating (HPWH) Education session focused on technology features and benefits, appropriate applications, energy efficiency comparison to other water heater types, installation techniques and best practices, service support and warranty, proper maintenance, troubleshooting, and selling strategies.

Multifamily Central Water Heating Field Training Getting into the field increases the understanding of system, installation factors and operational considerations. Field trainings will be offered for central heat pump water heater systems, leveraging opportunities of central heat pumps water retrofits. Trainings will include an overview of the design process, installation considerations and challenges and operations and maintenance. When possible, the manufacturer's representative will participate in these trainings to offer expertise and experience.

Multifamily Electrification 101 Learn about what it takes to have a successful retrofit or new construction multifamily electrification project.

Multifamily Electrification Retrofits for Property Owners Explore multifamily electrification retrofits from the property owner's perspective, learn about goal setting, resources, technology options, applications and what it takes to have a successful retrofit multifamily electrification project.

Refrigerant-Side Performance This residential and commercial certification class provides students with real-world lessons and hands-on training. It is based on proven techniques on how to best approach refrigeration-side issues. Students learn to apply NCI's performance-based, systematic approach to refrigeration-side diagnostics, including strategies for mitigating non-refrigerant faults prior to attaching refrigerant gauges.

Residential HVAC System Performance & Electrification This National Comfort Institute training package includes a two-day advanced certification in Residential System Performance and a special half-day training focused on applying your knowledge and skills to residential HVAC electrification. This training program provides the keys to delivering true system performance with real-world lessons and hands-on training. This course, normally \$825, is being offered for just \$150. Lunch is included.

Residential Space Conditioning & Water Heating Electrify My Home provides training based on real-world experience with residential electrification. With hundreds of high-performance projects completed to date, Electrify My Home shares its experience with others in a fast-paced training program that will benefit all parts of your company. We share principles of "Install Small" and "Good Electrification" processes that will keep your customers satisfied and provide you with the sales and business know-how to help your profits soar. This course, valued at \$4,000, is 100% free. Lunch and light breakfast included.

Retrofit Applications and Electrical Assessments Come explore multifamily electrification retrofits. Learn about electrical infrastructure and products, and what it takes to have a successful retrofit multifamily electrification project.