

CBIA Builder Decarbonization Incentives Webinar



August 24, 2023

California Energy Policy



- The State of California has identified building electrification as a primary tool to meet its climate change goals
- Building electrification reduces greenhouse gas (GHG) emissions in two ways:
 - Electric heat pump based appliances are more efficient than either combustion or resistance
 - As the amount of renewables on the grid increases, the emissions from electric appliances decreases

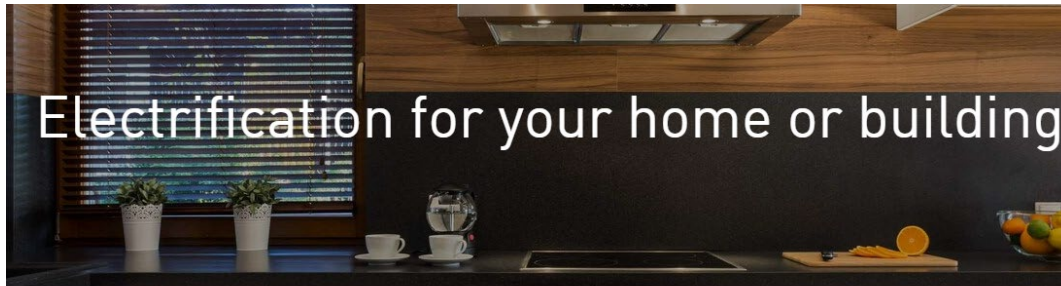


Residential New Construction

PG&E believes all-electric new buildings are good for our customers, for the climate, and for California's future. PG&E welcomes the opportunity to avoid installing new gas infrastructure. Gas assets installed today may be underutilized or unused in California's decarbonized future.

Residential Retrofits

PG&E recognizes that retrofit building electrification is an important tool for meeting California's climate goals. Ensuring greenhouse gas reductions and a positive customer experience are primary building electrification objectives for PG&E. PG&E recognizes the importance of co-creating the building decarbonization future with local, state, and federal partners to achieve meaningful outcomes for customers based on shared building decarbonization goals.



Electrification for your home or building

A handy guide for single-family home electrification.

[DOWNLOAD YOUR GUIDE \(PDF, 984 KB\)](#)

[Learn about the benefits of electric homes and buildings \(pge.com\)](https://www.pge.com)



A Handy Guide to Home Electrification

For Single-Family Homeowners

[A Handy Guide to Home Electrification For Single-Family Homeowners \(pge.com\)](https://www.pge.com)

Energy Code Ace is the California Codes & Standards Compliance Improvement Subprogram administered by SCE, SDG&E and PG&E



We exist to...

... **Make it faster and easier** for each market actor in the compliance chain **to comply** with Title 24, Part 6 & Title 20

Our Approach

- ✦ Understand each actor's workflow and what's in their way
 - ✦ Lack of knowledge/skill = **Training**
 - ✦ Lack of time/support = **Tools & Resources**
 - ✦ Lack of awareness = **Outreach**
- ✦ Develop minimal viable products and iterate with 'users'
- ✦ Vet with the CEC
- ✦ Deliver no-cost solutions statewide through Energy Code Ace using an undaunting, friendly, trustworthy approach

Checklist: Single Family – Building Inspector – 2022

This checklist is designed for Building Inspectors and provides step-by-step 2022 Energy Code compliance guidance for field inspections of Single-family buildings. It notes the forms that should be available on site for review during field inspection of the associated building feature or measure.

<https://www.energycodeace.com/resources/?itemId=65566>

Fact Sheet: Designing Single-family Homes to Run on Clean Energy 2022

This fact sheet explains how newly constructed single-family homes, such as single-family dwellings, duplexes, townhomes of any size and accessory dwelling units (ADUs), can help to meet California’s energy goals by installing more efficient systems and moving to cleaner energy sources.

<https://energycodeace.com/resources/?itemId=91857>

Fact Sheet: Single-family Building Accessory Dwelling Units 2022

This fact sheet outlines 2022 Energy Code requirements for single-family building accessory dwellings units (ADU). Envelope, mechanical systems and renewables are covered for New Construction, Addition and Alteration Type ADU.

<https://energycodeace.com/resources/?itemId=91865>



PG&E Energy Center - Workforce Education & Training (WET)

PG&E Energy Centers provide professional training, a robust tool-lending library, on-demand courses and real-time access to industry experts, all at no cost.

If you have any questions, please contact us at energycenters@pge.com.

PG&E Energy Classes For a full class catalog, visit <https://www.pge/energyclasses> or for the electrification class catalog, visit <https://www.pge.com/electrificationclasses>

Electric Heat Pumps for Space Heating and Cooling

[On-demand: Begin training anytime!](#)

[Live Webinar](#) – Thursday, September 14, 2023, 9:00 am - 1:00 pm

Electric Heat Pumps for Water Heating

[On-demand: Begin training anytime!](#)

[Live Webinar](#) – Thursday, September 21, 2023, 9:00 am - 12:00 pm

PG&E Tool Lending Library

Free energy measurement tool loans.



PG&E Induction Cooktop Loaner Program

Try induction cooking at home! Borrow a unit for 2 weeks at no-cost.





CBIA & PG&E Sign MOU to Reduce Housing Construction Delays

In July, the California Building Industry Association and PG&E signed a Memorandum of Understanding (MOU) that outlines a commitment to enact a series of reforms intended to reduce delays associated with energizing new homes.

Signed by PG&E CEO Patti Poppe and CBIA President and CEO Dan Dunmoyer, the three-page agreement references a number of initiatives including:

- Pilot program to allow developers to hire third-party PG&E approved contactors to perform hot tie-ins
- Development of a soft scheduling process for construction work
- Broad Applicant Design process improvements
- Establishment of permanent committees consisting of PG&E and builder representatives charged with discussing mutual challenges

“CBIA is seeing PG&E’s new leadership stay true to their commitment to the home building industry to improve their performance and better partner with us to get homes connected faster and with a better customer experience.” - Joaquin Pons CBIA

ELECTRIFICATION

A Handy Guide to Electrification for Single-Family Homeowners:

<http://www.pge.com/electrificationguide>

Electric Home Rate Plan (E-ELEC):

https://www.pge.com/en_US/residential/rate-plans/rate-plan-options/electric-home-rate-plan.page

Other PG&E Resources for builders/contractors

Energy Code Ace

<https://www.energycodeace.com/resources/?itemId=65566>

<https://energycodeace.com/resources/?itemId=91857>

<https://energycodeace.com/resources/?itemId=91861>

<https://energycodeace.com/resources/?itemId=91865>

Workforce Education and Training resources

<https://pge.docebosaas.com/learn>

Energy Smart Homes

<https://caenergysmarthomes.com/>

Other None PG&E Resources for builders/contractors

The Switch is On

<https://incentives.switchison.org/>