

Energy Code Updates



California Energy Commission
Amie Brousseau
CALBO ABM
April 15, 2025

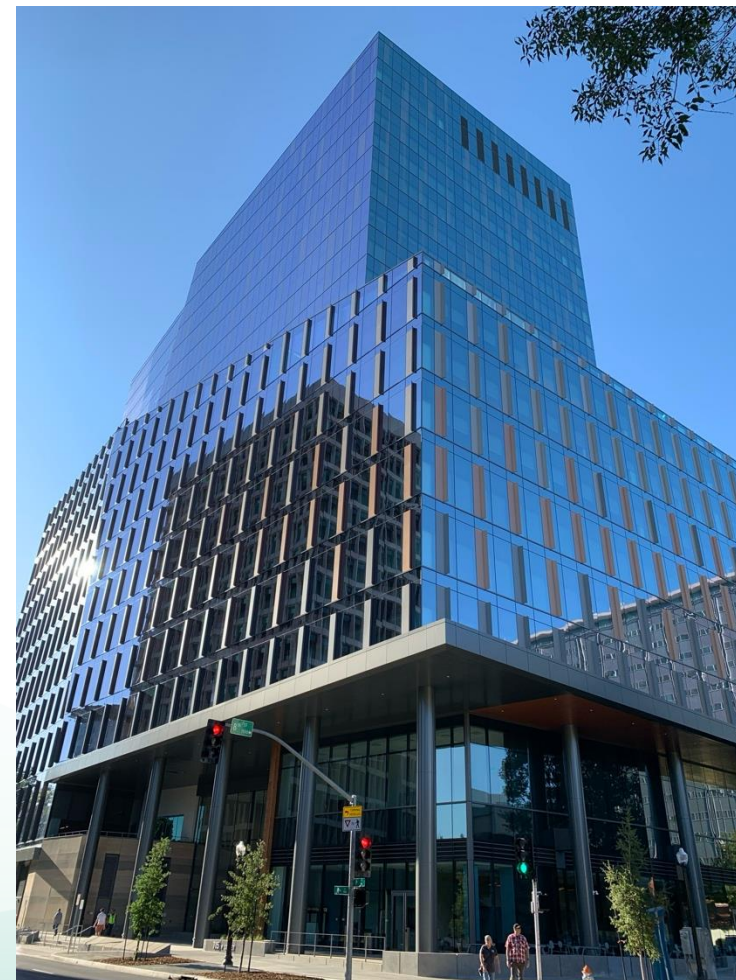


Energy Commission Contacts

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Connect on LinkedIn

For questions on legislation
Office of Governmental and
International Affairs
legunit@energy.ca.gov





Energy Code Hotline

Energy Code Hotline Submission Form

Please submit your Energy Code questions through the Energy Code Inquiry Submission Form.

Contact and General Information

What is your name? [?] *

What is your email address? [?] *

What is your question about? [?] *

What is your role? [?]

Building and Project Information

What is the building type? [?] *

What is project type/scope of the building? [?] *

Is the building conditioned (heating and/or cooling) or unconditioned (no heating or cooling)? [?] *

Please list the climate zone of the project. Alternatively, please enter the address of the project. [?] *

Call

- 800-772-3300 in CA
- 916-654-5106 outside CA

Contact

- [Hotline Submission Form](#)





2025 Energy Code



2025 Energy Code Goals



State goals

- Contribute to GHG reduction
- Increase building energy efficiency cost-effectively

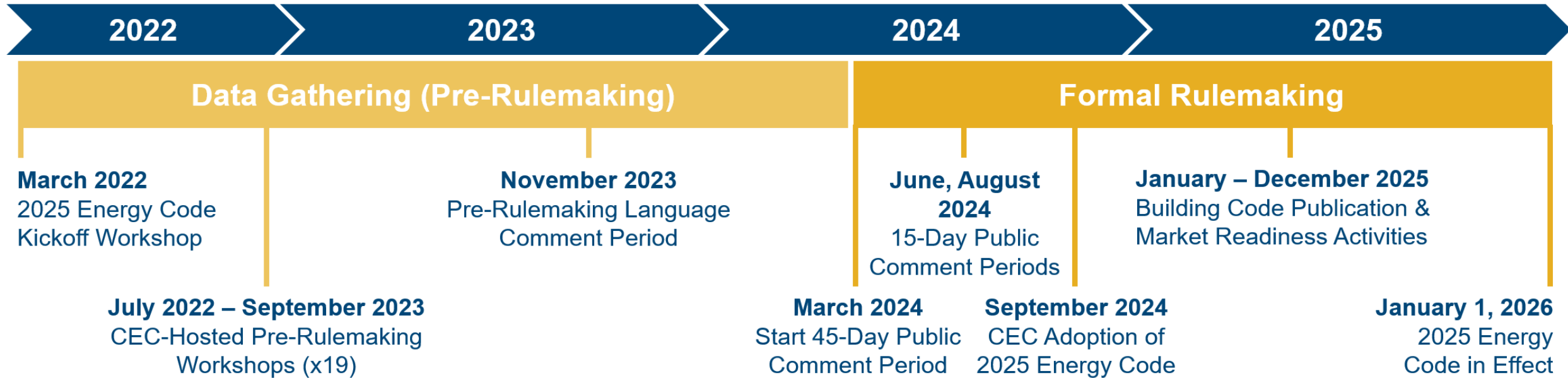
2025 Energy Code goals

- Increase heat pump baselines
- Promote demand flexibility, solar PV, and battery energy storage systems
- Improve covered process load efficiencies
- Focus on existing buildings and ADUs



Where are we – 2025 Energy Code

We are here





2025 Energy Code Benefits by the Numbers

Energy cost savings: \$4.8B

Avoided GHG Emissions: 4.1M MT CO_{2e}

Benefit to Cost Ratio: 7

Electricity Savings: 392 GWh/yr

Natural Gas Savings: 23 MM Therms/yr

Water Savings: 68+ MM gallons/yr

Heat pumps:

Leads to installation of over 500k heat pumps over 3 years

PV/Battery:

Saves on average 300 GWh/year; reduces power demand on average 0.88MW/year. Minimizes grid exports.

Electric-ready:

Sets up owners of newly constructed commercial kitchens to use cleaner electric equipment when they are ready



2025 Energy Code Webpage

The screenshot shows the California Energy Commission website. The header includes the state logo, social media links, and navigation menus. The main content area features a large banner for the '2025 Building Energy Efficiency Standards' with a background image of a modern building. Below the banner, there is a paragraph explaining that the standards will apply to newly constructed buildings and that workshops will be held for public comments. A timeline section titled '2025 Timeline' shows the progression from 2022 to 2025, with key milestones like 'Data Gathering (Pre-Rulemaking)' and 'Formal Rulemaking'. A sidebar on the right lists related resources such as '2022 Building Energy Efficiency Standards', '2019 Building Energy Efficiency Standards', and 'California Utility Allowance Calculator (CUAC)'.

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CALIFORNIA ENERGY COMMISSION

Enter keywords, e.g. Energy Code

HOME PROCEEDINGS RULES AND REGULATIONS PROGRAMS AND TOPICS FUNDING DATA AND REPORTS

California Energy Commission > Programs and Topics > All Programs > Building Energy Efficiency Standards > 2025 Building Energy Efficiency Standards

2025 Building Energy Efficiency Standards

The 2025 Building Energy Efficiency Standards will apply to newly constructed buildings, additions, and alterations. Workshops will be held to present revisions and obtain public comments. Proposed standards will be adopted in 2024 with an effective date of January 1, 2026. The California Energy Commission updates these standards every three years.

[California Green Building Standards Code – Title 24, Part 11 \(CALGreen\)](#)

2025 Timeline

2022	2023	2024	2025
Data Gathering (Pre-Rulemaking)		Formal Rulemaking	
March 2022	November 2023	June 2024	January – December 2025

BUILDING ENERGY EFFICIENCY STANDARDS

- 2025 Building Energy Efficiency Standards
- 2022 Building Energy Efficiency Standards
- 2019 Building Energy Efficiency Standards
- 2016 Building Energy Efficiency Standards
- California Utility Allowance Calculator (CUAC)
- Workshops, Notices, and Documents
- Climate Zone tool, maps, and information supporting the California Energy Code
- Online Resource Center

- Final express terms
 - Part 1 and Part 6
 - Reference Appendices
- Final statement of reasons
- Responses to comments
- Hard copies available July 1
- Effective date January 1, 2026





2025 Energy Code Fact Sheet

CALIFORNIA ENERGY COMMISSION

2025 California Energy Code



FACT SHEET

The Energy Code Background

As California's primary energy policy and planning agency, the California Energy Commission (CEC) was mandated by the Warren-Alquist Act to update and adopt building standards that reduce wasteful, uneconomic, inefficient, or unnecessary energy consumption and reduce greenhouse gas (GHG) emissions. That's because homes and businesses use nearly 70 percent of California's electricity! They are also responsible for about 25 percent of the state's GHG emissions. Every three years, the CEC updates the Energy Code, which is published by the California Building Standards Commission as part of the California Building Standards Code

(itself, known as Title 24 of the California Code of Regulations). The CEC's efficiency standards for buildings and appliances together have saved Californians more than \$100 billion in avoided energy costs over the last 50 years. Thanks to efficiency measures, California — the U.S. state with the highest population and largest economy (almost \$3.9 trillion GDP in 2023) — has the second-lowest per capita energy use in both the residential and commercial sectors.¹

Meeting State Climate Goals Through Better Buildings for Californians

The Energy Code governs the energy-saving features of newly constructed buildings, building additions, and alterations to existing buildings. The proposed standards for 2025 are cost-effective and are estimated to provide over \$4 billion in statewide energy cost savings.

The 2025 updates strongly contribute to California's efforts to "decarbonize" its buildings: reducing their carbon emissions. The Energy Code reduces emissions by making buildings more energy efficient; encouraging the use of energy efficient heat pumps for space and water heating; using clean energy generated onsite by solar panels in combination with battery storage; and shifting times of energy use to avoid peak periods of the day when dirty and inefficient powerplants are supplying more power to the grid.

The 2025 Energy Code Update Focuses on:

- Expanding the use of heat pumps for space conditioning and water heating in newly constructed single-family, multifamily, and select nonresidential buildings. The standards also allow for flexibility in taking alternative but equally efficient approaches.
 - For homes, use heat pumps for both space heating and water heating, expanding on the single heat pump baselines in the 2022 update.
 - For nonresidential building types, expanding on the single-zone heat pump baselines in the 2022 update.
 - For low-rise multifamily buildings with individual water heaters in dwelling units, use heat pump water heater baselines, expanding on the space heating heat pump baselines in the 2022 update.
- Encouraging electric-ready buildings to set up owners to use cleaner electric water heating and cooking when they are ready to invest in those technologies.
- Updating photovoltaic and battery energy storage system standards for low-rise and high-rise multifamily and nonresidential buildings to achieve cost effective installations in consideration of revised net billing and virtual net billing rules.
- Updating space conditioning system efficiency and control standards for homes and nonresidential buildings.
- Updating ventilation requirements in multifamily buildings to improve indoor air quality.

Reminder: The CEC does not mandate specific fuel types. California's Energy Code is founded on the principle of enabling building designers to use a range of options for complying with energy requirements.

¹ US Energy Information Administration

Process and Timeline

The Energy Code measures are updated with extensive input from the public, many stakeholders, and experts who participate in the CEC's process. Over the course of each three-year cycle, CEC staff and technical consultants evaluate each measure. The standards must be technologically feasible and cost-effective over the life of the building. The measures are discussed in public workshops and in online comments before being revised. This year, the proposed standards are slated to go to a CEC business meeting for adoption in September of 2024. It will then go to the California Building Standards Commission for approval as part of California's Building Standards Code before the end of 2024.

After approval, there is a one-year period for the CEC to provide supporting information, training, and technical assistance that brings builders, code officials, and technicians up to speed on the updates before they take effect. Local building departments start enforcing the 2025 Energy Code on January 1, 2026. These measures not only save energy and reduce energy bills, but also help Californians breathe easier and be more comfortable where they live and work. They are a critically important tool for advancing the state's climate and energy goals.

For more information on:

The current Energy Code updates, please go to www.energy.ca.gov/2025EnergyCode

Please direct media questions to mediaoffice@energy.ca.gov

BY THE NUMBERS

\$100 BILLION

avoided energy costs over the last 50 years from the CEC's efficiency standards for buildings and appliances

70%

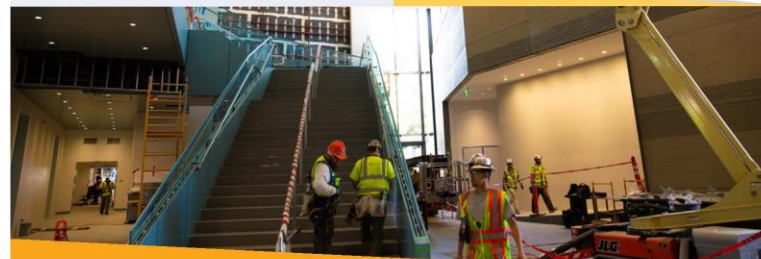
amount of California's electricity used by homes and businesses

25%

amount of the state's total greenhouse gas (GHG) emissions that homes and businesses are responsible for

\$4 BILLION

statewide energy cost savings expected from the proposed standards for 2025



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Sara Gonsky, Vice Chair
Noemi O. Gallardo
J. Andrew McAllister, Ph.D.
Patricia Monahan

September 2024


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2025 Energy Code

What's New Summaries



2025 Single-Family	
<p> 2025 Single-Family</p> <p><i>NOTE: Single-family residential buildings subject to the Energy Code. Review the respective sections for more information.</i></p>	
Space Conditioning, Water Heating, and Plumbing Systems	
§ 110.0-110.3	Certification. Heating, ventilation, air conditioning, and hot water equipment must be certified by the manufacturer to the California Energy Efficiency Standards.
§ 110.2(a)	HVAC Efficiency. Equipment must meet the minimum efficiency requirements specified in Table 170.2-U and Table 170.2-V.
§ 110.2(b)	Controls for Heat Pumps with Supplemental Heating. Heat pumps with supplemental heating must have a thermostat that controls the supplemental heating.
§ 110.2(c)	Thermostats. All heating or cooling equipment must have a thermostat that controls the equipment.
§ 110.3(c)(3)	Insulation. Unfired service water heating equipment must have insulation that meets the requirements of Section 160.5.
§ 110.3(c)(6)	Isolation Valves. Instantaneous water heaters must have isolation valves on both the gas and water connections.
§ 110.3(c)(7)	Backup Heat and Ventilation. Air conditioning equipment must have a backup heating system that meets the requirements of Section 160.5.
§ 110.5	Pilot Lights. Continuously burning pilot lights must be replaced with electronic ignition.
§ 150.0(h)1	Building Cooling and Heating Load. Equipment Volume, Applications Volume, or the ACCA Manual J must be used to determine the cooling and heating load.
§ 150.0(h)3A	Clearances. Air conditioner and heat pump clearances must meet the manufacturer's instructions.
§ 150.0(h)3B	Liquid Line Drier. Air conditioners and heat pumps must have a liquid line drier.
§ 150.0(h)5	System Selection. Equipment size must be based on the cooling and heating load.
§ 150.0(h)6	Defrost. Installer-adjustable defrost controls must be installed.
§ 150.0(h)7	Supplementary Heating Control. Heating equipment must have a control that prevents the equipment from operating when the outdoor air temperature is below the minimum outdoor air temperature.
§ 150.0(h)8	Sizing of Electric Resistance Supplemental Heating. Supplemental heating must not exceed the heat pump capacity.
§ 150.0(h)9	Capacity Variation with Third-party Equipment. Equipment must be capable of responding to the load variations of the third-party equipment.
§ 150.0(i)	Thermostat. All heating or cooling equipment must have a thermostat that controls the equipment.
§ 150.0(j)1	Water Piping, Solar Water-heating Piping. Water piping must be insulated as specified in Section 160.5.
§ 150.0(j)2	Insulation Protection. Piping insulation must be protected from damage.
§ 150.0(j)1	Gas or Propane Water Heating Systems. Gas or propane water heating systems must meet the requirements of Section 160.5.
§ 150.0(j)2	Solar Water Heating Systems. Solar water heating systems must meet the requirements of Section 160.5.
Ducts and Fans	
§ 110.0(d)3	Ducts. Insulation installed on an exterior duct must be protected from damage.
§ 150.0(m)1	CMC Compliance. All air-distribution duct construction standards must meet the requirements of Section 160.5.



California Energy Commission 2025 Building Energy Efficiency Standards What's New for Multifamily Buildings

Solar PV and Battery Energy Storage Systems

- Updates PV sizing using total solar access roof area (SARA), SARA multiplied by 18 for steep-sloped roofs, and by 14 for low-sloped roofs; Exception 2 increases minimum PV system size to 4kW for low-rise multifamily; increases PV capacity factors in Table 170.2-U for some buildings/climate; Exception 5 applies to areas with no PV compensation through virtual energy bill credits. Section 170.2(f-g)
- Adds building types in Table 170.2-U and Table 170.2-V: events and exhibits, religious worship, sports and recreation. Section 170.2(g-h)
- Updates Equations 170.2-E, F, & G; revises Table 170.2-V BESS capacity factors for all building types and Climate Zones. Section 170.2(h)

HVAC

- Multifamily dwelling units must have balanced or supply ventilation system, with compartmentalization verified by ECC-Rater. Section 160.2(b)2Aivb
- Adds mandatory requirements for balanced and supply-only ventilation to have accessible air filters, including HRV/ERVs for attached dwelling units. Section 160.2(b)2Axi
- Adds exception in Climate Zone 6 for central ventilation system duct sealing requirements for dwelling units. Section 160.2(b)2C
- Updates mandatory requirements for dwelling units: exception for block loads in determining system size for addition; outdoor design conditions may be selected using ASHRAE Handbook, Fundamental Volume, or ACCA Manual J; defrost requirements for heat pumps with defrost delay timer; thermostat requirements for variable or multi-speed systems. Section 160.3(b)
- Adds mandatory acceptance testing requirements for DOAS and HRV/ERV systems, with some exceptions. Section 160.3(d)1D
- Updates prescriptive requirements: balanced systems with HRV/ERV for dwelling units in Climate Zones 1, 2, 4, 11-14, 16; all HRVs and ERVs for dwelling units to have fault indicator display (FID) with ECC-rater verification. Section 170.2(c)3B
- Updates prescriptive requirement for cooling tower to have minimum rated efficiency per Table 170.2-I. Section 170.2(c)4Fv
- Revises prescriptive requirements for dedicated outdoor air systems (DOAS). Section 170.2(c)4N
- Adds exception for dwelling unit air leakage test for additions. Section 180.1(a)2

Lighting

- Updates mandatory requirements for dwelling units: all installed luminaires and light sources to meet IA8 criteria; removes Table 160.5-A and references; f. Section 160.5(a)1A
- Updates lighting integral to kitchen range hoods and bathroom exhaust fans do not require dimming controls. Section 160.5(a)2F
- Updates mandatory common area lighting requirements:
 - Manual controls to be located such that controlled lighting or status can be seen when operating controls. Section 160.5(b)4A
 - Multilevel controls must provide and enable continuous dimming from 100 to 10% or lower; removes Table 160.5-B; Exception 3 allows HID and induction luminaires to have one control step between 30-70%. Section 160.5(b)4B
 - Occupant sensing controls must have no more than 20-minute time delay; Exception 4 only applies to emergency lighting intended to function only when normal power is absent. Section 160.5(b)4CI
 - Lighting in restaurants does not require automatic holiday shut-off feature with automatic time-switch controls. Section 160.5(b)4Civ
 - Occupancy sensing control zones for offices greater than 250 square feet must be shown on plans. Section 160.5(b)4Cvi
 - Automatic daylighting controls in skylit and sidelit daylight zones with 75 watts or greater of general lighting or greater; luminaires longer than 8 feet must be controlled in segments up to 8 feet; Exception 3 exempts secondary sidelit daylight zones with less than 85W of general lighting from daylight responsive controls, if primary sidelit daylight zones do not require daylight responsive controls. Section 160.5(b)4D

Energy Code Support Center Overview webpage

- [2025 What's new Single-Family](#)
- [2025 What's New Multifamily](#)
- [2025 What's New Nonresidential](#)
- [2025 Single-family Mandatory Requirements Summary](#)



2025 Energy Code Highlights

Heat Pumps

Updates prescriptive requirements

- Single-family
 - Heat pumps for water heating and space heating
- Low-rise multifamily
 - Heat pump water heaters for individual dwelling units
- Existing commercial buildings
 - New or replacement rooftop packaged units < 65,000 Btu/hr
- Nonresidential controls
 - Medium-sized offices and schools
 - Multi-zone space-conditioning system types





2025 Energy Code Highlights

Electric-Ready Requirements



- Adds mandatory requirements
 - Commercial kitchens
 - Central water heating systems for multifamily
- Updates requirements
 - Water heaters serving individual dwelling units



2025 Energy Code Highlights

Solar Energy & Battery Storage

- Updates requirements
 - Multifamily
 - Nonresidential
- Adds requirements
 - Event and exhibit buildings
 - Religious worship buildings
 - Sports and recreation buildings





2025 Energy Code Highlights

- Updates requirements for pool and spa heating systems
- Streamlines lighting requirements
- Improves multifamily indoor air quality
- Improves nonresidential envelope





2025 Energy Code Highlights Field Verification & Diagnostic Testing

- Moves Home Energy Ratings System (HERS) program to Title 24
- Establishes “Energy Code Compliance” program
- Reestablishes focus on consumer protection
- Advances conflict of interest protections
- Strengthens quality assurance process
- Clarifies Field Verification and Diagnostic Testing community responsibilities



Restructure in Progress

CURRENT

Chapter	Section	Subject.	Title
1	100.0-100.2	(a)(b)(c) 1.2.3. A.B.C. i.ii.iii a.b.c.	General Provisions All building types
2	110.0-110.12		Mandatory All building types
3	120.0-120.10		Mandatory Nonresidential, Covered Process
4	130.0-130.5		Mandatory Lighting & Electrical Nonresidential, Covered Process
5	140.0-140.10		Prescriptive and Performance Nonresidential, Covered Process
6	141.0-141.1		Additions, Alterations and Repairs Nonresidential, Covered Process
7	150.0		Mandatory Single-family
8	150.1		Prescriptive and Performance Single-family
9	150.2		Additions, Alterations and Repairs Single-family
10	160.0-160.9		Mandatory Multifamily
11	170.0-170.2		Prescriptive and Performance Multifamily
12	180.0-180.4		Additions, Alterations and Repairs Multifamily

REORGANIZED

Chapter	Section	Subject.	Title
1	100-102	1.2.3... 1.2.3... 1.2.3... 1.2.3... 1.2.3...	General Provisions All building types
2	200		Definitions All building types
3	300-303		Envelope All building types, Nonresidential, Single-family, Multifamily
4	400-403		HVAC and Ventilation All building types, Nonresidential, Single-family, Multifamily
5	500-503		Plumbing All building types, Nonresidential, Single-family, Multifamily
6	600-603		Electrical and Lighting All building types, Nonresidential, Single-family, Multifamily
7	700-703		Renewables and Storage All building types, Nonresidential, Single-family, Multifamily
8	800-803		Pool and Spa All building types, Nonresidential, Single-family, Multifamily
9	900-911		Process Systems and Equipment Covered Process
10	1000-10001		Design Review and Commissioning Nonresidential



Energy Code Compliance



2025 Compliance Software

- <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2025-energy-code-compliance-software>
- Performance Modeling Software
 - Single-family
 - Research version CBECC-Res 2025.0.9b
 - Questions contact cbecc-res@energy.ca.gov
 - Nonresidential and multifamily
 - Research version CBECC 2025.0.4
 - Questions contact cbecc@energy.ca.gov



Energy Code Compliance Study

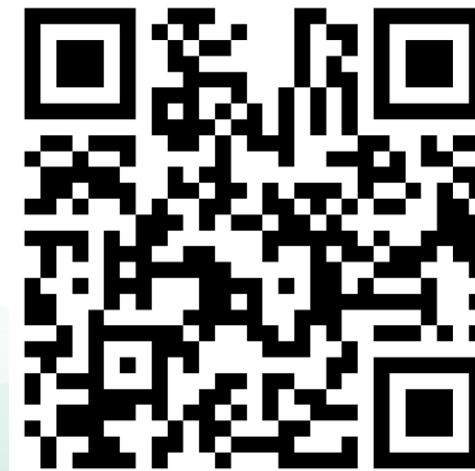
Summary - Join California's Energy Code Compliance Study to help California gain compliance intelligence and unlock missed opportunities

Why participate? Enhance consumer protection, increase cost savings, and provide compliance assistance opportunities

What are the benefits? Free data analysis on compliance rates and funding opportunities

How to participate

- Meet one-on-one with CEC staff
 - Advise on study approach (1-2 hours per quarter)
- Enroll in the email list to get the latest updates
- **Sign up** through <https://forms.office.com/g/XtPD0SEdiP> or email danielle.hughes@energy.ca.gov





Energy Code Support Program for Documentation, Certification, and Plan Check

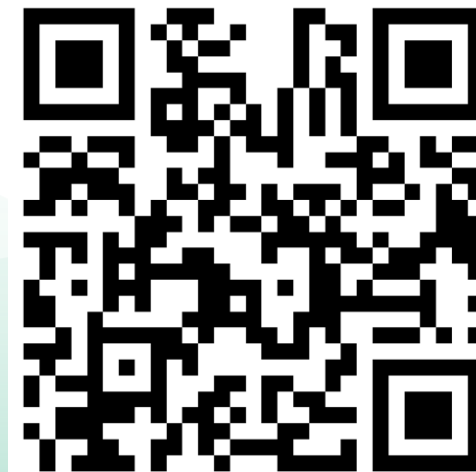
Summary – The Energy Code Support Program aims to scale credentialed experts in the design and plan check phases through Associate Energy Analyst (AEA) or Certified Energy Analyst (CEA) training, code coaching, and third-party plan checks

Why participate? Improve compliance with the Energy Code, resulting in energy savings, energy cost savings, CO2 reduction, and customer satisfaction

What are the benefits? Reduce the burden of Energy Code enforcement and support workforce development by creating demand and market opportunity for credentialed professionals through vetted programs

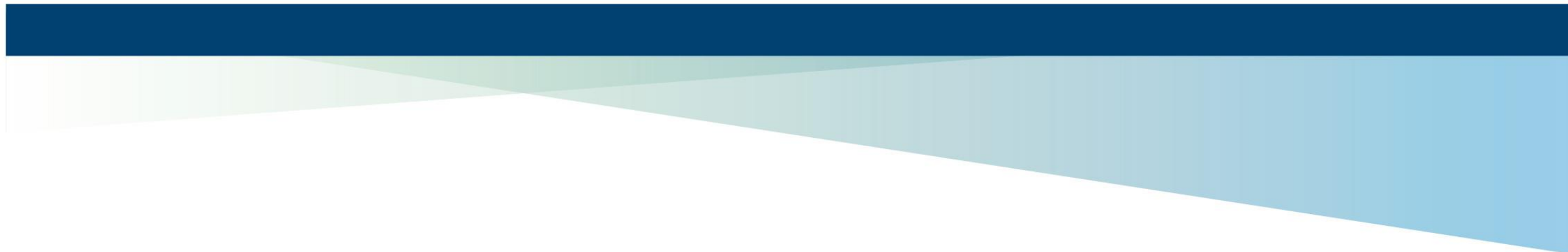
How to participate

- Meet one-on-one with CEC staff
 - AEA/CEA training for AHJs starting June 2025
 - Code Coach Services
- **Sign up** through <https://forms.office.com/g/XtPD0SEdiP> or email danielle.hughes@energy.ca.gov





Resources





Energy Code Support Center

<https://www.energy.ca.gov/energy-code-support-center>

Energy Code FAQs

Expand All

- Where are the compliance documents (for...
- How can I get a copy of the Energy Code, Manuals?
- Who do I contact for compliance modeling?
- Where do I find my climate zone?
- How do I participate in the upcoming Energy Code...
- What local ordinances are approved?
- Are there any regulatory advisories?
- Is there help with finding incentives, rebates?
- Where do I report an issue with a contractor?
- Where can I ask an Energy Code question about a specific project?

Information, Training, and Resources

Expand All

- Training classes, Energy Code overviews, and the Blueprint newsletter +
- Solar PV systems, solar-ready, and electric-ready +
- Battery, energy storage systems (ESS), and ESS-ready +
- Heating, ventilation, and air conditioning (HVAC) mechanical systems +
- Water heating systems +
- Lighting systems (indoor, outdoor, signs) +
- Envelope components (window, roof, insulation, etc.) +
- Electrical power distribution +
- Building commissioning +
- Covered processes +
- HERS raters +
- Acceptance test technicians (ATTs) +

- **FAQs**
 - ADUs, solar PV, battery storage, electric-ready
- **Handouts**
 - Fact sheets
 - Guides
- **Tools**
 - Checklists
 - Blueprint newsletter
- **Training**
 - Presentations
 - Videos
- **Links**
 - Internal resources
 - External resources





2022 ADU FAQs

Accessory Dwelling Units (ADUs)



2022 Energy Code Accessory Dwelling Units (ADU) FAQs

General Information on ADUs

Expand All

- What is an accessory dwelling unit (ADU)? +
- What is a Junior ADU? +
- When is an ADU considered a newly constructed building? +
- When is an ADU considered an addition? +
- When is an ADU considered an alteration? +
- Can a factory-built house be an ADU? +
- Does unpermitted work in an ADU with new a permit need to comply with Energy Code requirements? +

Solar Photovoltaic (PV) System Requirements for ADUs

Expand All

- Can an existing solar PV system be used to meet the solar PV requirements for a newly constructed detached ADU? +
- Can new PV modules be added to an existing PV system to meet the PV requirement for a newly constructed, detached ADU? +
- Can a newly constructed, detached ADU add PV modules to the existing PV system on a separate meter? +
- Does a newly constructed, detached ADU need to meet the solar-ready requirements if PV is not required? +

Energy Storage System (ESS) Ready Requirements for ADUs

Expand All

- Does a newly constructed detached ADU need to comply with the ESS-ready requirements in Section 150.0(s)? +
- Could a 200 amp panel meet the mandatory ESS-ready requirements in Section 150.0(s)1B? +



Blueprint Newsletter

Energy Code quarterly newsletter

- Updates
- Clarifications
- Frequently asked questions
- New webpage coming soon



Issue 149 | Spring 2025

BLUEPRINT

CALIFORNIA ENERGY COMMISSION
EFFICIENCY DIVISION

In This Edition

- 2025 Energy Code: Single-Family Summary of Changes
- Compliance Software Updates
- Energy Code Support Center Updates
- Q&A
 - Single-Family Outdoor Lighting

2025 Energy Code: Single-Family Summary of Changes

One of the significant changes in the 2025 Energy Code for single-family buildings is the prescriptive requirement for both water heating and space heating to be heat pumps. The 2025 Energy Code updates increase the building envelope efficiency, refine solar photovoltaic calculations, clarify the requirements for lighting, and increase the efficiency of pool and spa heating equipment.

Solar PV and Battery Energy Storage System Ready

- Updates mandatory battery energy storage system (BESS) readiness for newly constructed, single-family, one or two dwelling units with electrical service over 125A. BESS-ready is not required if BESS is installed. Section 150.0(s)
- Updates PV sizing when using total solar access roof area (SARA): SARA multiplied by 18 for steep-sloped roofs and SARA multiplied by 14 for low-sloped roofs. Section 150.1(c)14

Envelope

- Updates mandatory wall insulation maximum U-factor of 0.095 for 2x4 wood framed (minimum R-15) and maximum U-factor of 0.069 for 2x6 or greater wood-framed (minimum R-21). Section 150.0(c)
- Updates prescriptive Table 150.1-A Option C for ventilated attic minimum R-38 in climate zones 1, 8-16, minimum R-30 climates zones 2-7; adds cathedral ceilings minimum R-38 in all climate zones. Section 150.1(c)1Aiii
- Updates mandatory weighted average maximum U-factor of 0.40 for all fenestration, including skylights. Section 150.0(q)
- Updates prescriptive maximum U-factor of 0.27 for fenestration in Climate Zones 1-5, 11-14, 16, and maximum U-factor of 0.30 in Climate Zones 6-10, 15; some exceptions may apply. Section 150.1(c)3A



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I want to explore the
Energy Code



I need help with my
project



I need forms
assistance



I need to learn how to
use California's
appliance efficiency
database



I want to explore the
appliance efficiency
regulations




I'm looking for
something specific





Local RENs



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Local Government Energy Resources

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» Local Government Resources

BayREN helps the Bay Area's local governments reduce energy and water use for a more resilient and sustainable future.

We support local governments by:

- » Offering assistance to develop and adopt local energy policies and building codes
- » Providing training and resources for implementation and enforcement of the California Energy Code and local reach codes
- » Organizing quarterly Bay Area Regional Forums on a variety of energy and emission reduction topics
- » Helping local governments and special districts with energy efficiency and decarbonization of their buildings
- » Providing water utilities with a turnkey water efficiency program to help your customers save water and money

Local Government Resources

YOUR COUNTY LEAD

BUILDING AND ENERGY TOOLS

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CODE COMPLIANCE

ENERGY POLICIES & REACH CODES


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3C-REN (Tri-County Regional Energy Network) reduces energy use in our region's buildings for a more affordable, healthy, resilient and sustainable community.


CURRENT PROGRAMS



HOME ENERGY SAVINGS

Save energy and improve your property


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BUILDING PERFORMANCE TRAINING

Develop your skills in building performance

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ENERGY CODE CONNECT

Personalized coaching and events to simplify the energy code

[See Title 24 Services](#)



[Public Agencies](#)[Residential](#)[Financing](#)[WE&T](#)[About SoCalREN](#)

Public Agencies

Helping cities, counties, water agencies, school districts, special districts, community colleges, universities, and state and federal government facilities lead their communities towards a sustainable clean energy future.

[Register now and join us!](#)

Program Information



Learn about the SoCalREN Public Agency Programs, including who is participating and how your agency can get involved.

Services



Discover a wide variety of no-cost services offered to enrolled agencies, from technical support to staff guidance.

Resources



Explore online resources, tools, and ideas to help implement energy efficiency improvements.

Eligibility & Enrollment



Find out if your agency is eligible to enroll, and complete our online interest form to get started.



Thank you