

**DOCKETED**

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<b>Project Title:</b>	2022 Energy Code Pre-Rulemaking
<b>TN #:</b>	236877
<b>Document Title:</b>	Notice of Availability - Pre-Rulemaking Express Terms
<b>Description:</b>	This file provides notice to the public of the availability of a pre-rulemaking draft of the Express Terms for the 2022 update to the California Energy Code (Part 6 of California's Building Standards Code).
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<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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**CALIFORNIA ENERGY COMMISSION**

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CEC-057 (Revised 1/20)



# Notice of Availability and Public Comment Period Pre-Rulemaking Express Terms for 2022 Update to Energy Code

## Purpose

The California Building Standards Code (Title 24, all Parts) is updated on a three-year cycle. The California Energy Commission (CEC) has authority and responsibility for the Building Energy Efficiency Standards (Energy Code), which is Part 6 of the California Building Standards Code. Staff is evaluating proposed amendments for possible inclusion in the 2022 Energy Code and has prepared Express Terms that would result from the proposed amendments.

Staff is publishing a pre-rulemaking draft of the Express Terms to inform the general public and to solicit feedback on the proposed amendments within the context of the Energy Code.

## Background

The Energy Code includes the energy efficiency requirements applicable to newly constructed buildings and additions and alterations to existing buildings. As a part of the California Building Standards Code, the Energy Code follows the same three-year update cycle and proposes to adopt amendments in 2021, for publication in 2022, with an effective date of January 1, 2023.

For context, the 2019 Energy Code update includes new requirements for installation of solar photovoltaic systems in newly constructed low-rise residential buildings, updates to air filtration standards applicable to all buildings, and new provisions specific to healthcare facilities, as well as many other provisions. The 2022 Energy Code update will improve the 2019 Energy Code by revising and updating energy efficiency standards for newly constructed buildings and additions and alterations to existing buildings, consistent with state and Federal law.

The proposed amendments to the 2022 Energy Code will:

- Revise baselines for building performance calculations and prescriptive compliance to encourage heat pump technology.
- Establish electric-ready requirements in low-rise residential buildings.

- Extend prescriptive solar photovoltaic requirements to select nonresidential building types.
- Update minimum residential kitchen ventilation standards to improve indoor air quality and be more protective of the health and safety of dwelling occupants.
- Relocate multifamily provisions into a new dedicated set of chapters.
- Establish new efficiency standards for controlled environment horticulture spaces.
- Update efficiency standards for other commercial and industrial process loads, including computer room air conditioning, refrigerated areas, compressed air systems, and others.
- Improve existing residential efficiency standards for on-site renewables, battery storage, and associated options and exceptions.
- Improve existing nonresidential efficiency standards for building envelopes; fan and duct systems; heating, ventilation, and air conditioning controls; boilers and service water heating systems; indoor and outdoor lighting systems; and grid integration equipment such as demand responsive controls.
- Make general improvements to the clarity and consistency of existing provisions.

Staff seeks public comment on the proposed changes so that improvements and corrections can be made before the formal rulemaking period.

## Public Comments

If you wish to submit a written comment, please submit them using the [e-commenting feature](#) on the CEC's webpage at <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=19-BSTD-03>.

There is not an opportunity for oral public commentary associated with this document.

Written comments must be submitted to the Docket Unit by **5:00 p.m. on March 9, 2021** and shall comply with the requirements of the 20 California Code of Regulations §1208.1. A full name, email address, comment title, and either a comment or an attached document (.doc, .docx, or .pdf format) is mandatory. After a challenge response test used by the system to ensure that responses are generated by a human user and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the CEC's Docket Unit.

If you are unable or do not wish to submit electronically, a paper copy of your comments, including the docket number 19-BSTD-03 and indicating "Energy Code Pre-Rulemaking Express Terms" may be sent to:

Docket Unit  
 California Energy Commission  
 Docket No. 19-BSTD-03  
 1516 9th Street, MS-4  
 Sacramento, CA 95814

You may also submit written comments by email. Include docket number 19-BSTSD-03 and "2022 Energy Code Pre-Rulemaking Express Terms" in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

Please note that your written comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record with access available via any internet search engine.

## **Public Advisor and Other Commission Contacts**

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on participation or to request interpreting services or reasonable accommodations, please contact Public Advisor Noemí O.

Gallardo at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), by phone at (916) 654-4489, or toll free at (800) 822-6228. Requests for interpreting services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate all requests.

**Direct media inquiries** to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

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The proposal and supporting materials can be downloaded at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-BSTD-03>.