

DOCKETED	
Docket Number:	24-BSTD-02
Project Title:	2025 CALGreen Rulemaking
TN #:	258547
Document Title:	Notice of 15-Day Comment Period
Description:	Notice of revised proposed changes and 15-day public comment period for the 2025 California Green Building Standards Code, Title 24, Part 11 (CALGreen), Appendices A4.2 and A5.2.
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
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CALIFORNIA ENERGY COMMISSION

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CEC-057 (Revised 1/21)



Notice of Availability

15-DAY PUBLIC COMMENT PERIOD

PROPOSED REVISIONS TO THE Green Building Standards Code California Code of Regulations (CCR), Title 24, Part 11, Appendices A4.2 and A5.2

California Energy Commission Docket No. 24-BSTD-02

On May 17, 2024, the California Energy Commission (CEC) published the Notice of Proposed Action (NOPA) with proposed amendments to the Green Building Standards Code contained in the California Code of Regulations (CCR), Title 24, Part 11 (also known as CALGreen). The CEC made all the documents available for a 45-day comment period ending July 1, 2024, and held a lead commissioner public hearing on June 5, 2024.

Based on comments received during the 45-day comment period and the lead commissioner public hearing, the CEC is proposing changes to the original proposed Express Terms, and the public is invited to submit written comments during a 15-day comment period from August 16 through September 3, 2024. **Any interested person may submit written comments to the CEC for consideration on or prior to September 3, 2024.** The CEC appreciates receiving written comments at the earliest possible date. Comments submitted outside this comment period are considered untimely. CEC may, but is not required to, respond to untimely comments, including those raising significant environmental issues.

Written and oral comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record of this proceeding with access available via any internet search engine.

The CEC encourages use of its electronic commenting system. Visit the e-commenting page at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=24-BSTD-02> which links to the comment page for this docket. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the "Comment Text" box or attached as a downloadable, searchable document consistent with 20 California Code of Regulations Section 1208.1. The maximum files size allowed is 10 MB.

Written comments may also be submitted by email. Include docket number 24-BSTD-02 in the subject line and email to docket@energy.ca.gov.

A paper copy may be sent to:

California Energy Commission
Docket Unit
Docket No.24-BSTD-02
715 P Street, MS-4
Sacramento, CA 95814

The 15-day proposed language and related documents are available for review on the CEC website at <https://www.energy.ca.gov/proceeding/2025-california-green-building-standards-code-calgreen>. If you are unable to access the website and would like a copy of the rulemaking documents mailed or emailed to you, or if you have any questions, please contact Tajanee Ford-Whalen at tajanee.ford-whelan@energy.ca.gov.

New deletions and additions to the proposed language that are made public with this notice are shown in double ~~strike through~~ to indicate deletions and double underline to indicate additions.

In the Final Statement of Reasons, staff will respond to all comments received on the record during the comment periods. The Administrative Procedure Act requires that staff respond to comments received regarding all noticed changes. Therefore, staff will only address comments received during this 15-day comment period that are responsive to this notice, documents added to the record, or the changes detailed in the proposed 15-day language at the above-referenced website.

Summary of Proposed Modifications

A list of the proposed modifications has been added to the end of this document. These modifications do not change implementation of the regulation because the proposed regulations continue to be voluntary for local jurisdictions to consider adopting through their independent public processes. Therefore, no additional environmental analysis is required.

In addition to the modifications described above, additional modifications correcting grammar, punctuation and spelling have been made throughout the proposed changes. These changes are non-substantive.

Additional Documents Relied Upon

The following documents are being added to the record for this rulemaking to ensure the public has an opportunity to review all of the information proposed for consideration by the Commission.

- CALGreen CEQA Exemption Memo
- Nine-Point Criteria Analysis for Proposed 2025 Green Building Standards Code, Title 24, Part 11 (CALGreen)
- Memo from the Office of the State Fire Marshal at Cal Fire

Section Number Amended	Summary of Amendments
202	<p>Repealed the following definitions to be consistent with the proposed changes to the Energy Code (Title 24, Part 6):</p> <ul style="list-style-type: none"> - Energy Design Rating (EDR), - Time Dependent Valuation
202	<p>Amended the existing definition for 'Energy Budget' to include usage of the new energy accounting methodology, Long-term System Cost (LSC).</p>
202	<p>Added the following definitions to be consistent with the proposed changes to the Energy Code (Title 24, Part 6):</p> <ul style="list-style-type: none"> - Long-term System Cost (LSC), - Recovered Energy, - Recovered Energy, On-Site, and - Solar Pool Heating System
A4.203.1.2.5	<p>Revised climate zones that must meet a maximum SHGC of 0.23 to exclude climate zones 1, 3, 5, and 16.</p>
A4.203.1.2.5, Exception	<p>Added exception for climate zones 1, 3, 5, and 16 to exempt them from the maximum SHGC requirements.</p>
A4.203.1.4	<p>Added language to clarify that requirement applies to new multifamily buildings, hotels, and motels.</p>
A4.203.1.4, Exception	<p>Listed the Exceptions from Section 160.5(c)1 for clarity instead of including references. Added an exception for lighting for one- and two-family dwelling units and townhouses with attached private garages.</p>

<p>A4.203.1.4.1 (new)</p>	<p>Renumbered requirement and changed "should" to "shall" to clarify that the proposal is intended to be a requirement where adopted by a local jurisdiction.</p>
<p>A4.203.1.4.1 (old)</p>	<p>Removed proposed regulations for outdoor luminaries.</p>
<p>A4.204.1.1</p>	<p>Clarified code language and revised section name to "Altered Space-Conditioning System <u>Serving Existing Single-Family Dwelling Units - Mechanical Cooling</u>" for clarity.</p>
<p>A4.204.1.1(a)</p>	<p>Made minor grammatical corrections to improve readability.</p>
<p>A4.204.1.1(b)</p>	<p>Made minor grammatical corrections to improve readability.</p>
<p>A4.204.1.1, Exception 1</p>	<p>Made minor grammatical corrections to improve readability.</p>
<p>A4.204.1.2</p>	<p>Clarified code language and revised section name to "Altered Pool <u>and/or Spa Heating for Existing Multifamily Buildings</u>" for clarity.</p>
<p>A4.204.1.2, Exception 2</p>	<p>Changed "backup" to "supplementary" for consistency.</p>
<p>A4.204.1.2, Exception 3</p>	<p>Added exception for existing buildings with inadequate Solar Access Roof Area (SARA) for consistency with the Energy Code (Title 24, Part 6).</p>
<p>A4.204.1.2, Exception 4</p>	<p>Added exception for heating systems used exclusively for permanent spa applications for consistency with the Energy Code (Title 24, Part 6).</p>

<p>A4.204.1.2, Option 2</p>	<p>Changed "backup" to "supplementary" for consistency, and updated the section reference to "Title 24, Part 6, Section 110.2(d)" for clarity.</p>
<p>A4.204.1.2, Option 4</p>	<p>Added option for a combination of a solar pool heating system and heat pump pool heater without any additional supplementary heater for consistency with the Energy Code (Title 24, Part 6).</p>
<p>A4.204.1.2, Option 5</p>	<p>Added option for a pool heating system determined by the CEC Executive Director to use no more energy than the systems specified in A4.204.1.2 for consistency with the Energy Code (Title 24, Part 6).</p>
<p>A5.203.1.1.1.2 (old)</p>	<p>Removed proposed regulations for outdoor luminaires.</p>
<p>A5.203.1.1.1.2 (new)</p>	<p>Renumbered requirement and changed "should" to "shall" to improve readability and clarify the proposed measure is intended to be mandatory where adopted by a local jurisdiction.</p>
<p>A5.203.1.1.1, Exception 1</p>	<p>Updated table reference to Table 140.7-B for consistency with the Energy Code (Title 24, Part 6).</p>
<p>A5.203.1.1.2, Exceptions</p>	<p>Listed the Exceptions from Section 130.2(b) for clarity instead of including references to the Energy Code (Title 24, Part 6).</p>
<p>A5.204.1.1</p>	<p>Clarified code language and revised section name to "Altered Pool and/or Spa Heating for Existing Nonresidential Buildings" for clarity.</p>
<p>A5.204.1.1, Exception 2</p>	<p>Changed "backup" to "supplementary" for consistency.</p>
<p>A5.204.1.1, Exception 3</p>	<p>Added exception for existing buildings with inadequate Solar Access Roof Area (SARA) for consistency with the Energy Code (Title 24, Part 6).</p>

A5.204.1.1, Exception 4	Added exception for heating systems used exclusively for permanent spa applications for consistency with the Energy Code (Title 24, Part 6).
A5.204.1.1, Option 2	Changed "backup" to "supplementary", and updated the section reference to " <u>Title 24, Part 6, Section 110.2(d)</u> " for consistency.
A5.204.1.1, Option 4	Added option for a combination of a solar pool heating system and heat pump pool heater without any additional supplementary heater for consistency with the Energy Code (Title 24, Part 6).
A5.204.1.1, Option 5	Added option for a pool heating system determined by the CEC Executive Director to use no more energy than the systems specified in A4.204.1.2 for consistency with the Energy Code (Title 24, Part 6).