

COMMISSION ACTION MATRIX – GREEN

GREEN BUILDING – PLUMBING, ELECTRICAL, MECHANICAL & ENERGY AD-HOC (GREEN/PEME) CODE ADVISORY COMMITTEE

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE, TITLE 24, PART 11

AGENCY: CALIFORNIA BUILDING STANDARDS COMMISSION, BSC 03/25

LEGEND:

CAC Actions: Approve, Disapprove, Approve as Amended, Further Study Required

Agency Responses: Accept, Disagree, Withdraw

CBSC Actions: Approve, Disapprove, Approve as Amended, Further Study Required

Matrix Paper Color (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

If using assistive technology, please adjust your settings to recognize underline, strikeout and ellipsis.

- Existing California amendments appear upright
- Amended or new California amendments appear underlined
- Repealed California language appears ~~upright and in strikeout~~
- Ellipses (...) indicate existing text remains unchanged

ITEM 1

CHAPTER 2, SECTION 202 - DEFINITIONS

BSC proposes to adopt a new definition and amend an existing definition as listed below.

BSC 03/25 ITEM 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
1-1	ENERGY COMMISSION.	Approve as Amended	Accept	B. Raymer, Industry Coalition Comment: Approve	Revise the Energy Commission definition to include commonly known title instead of the formal title of the state agency. CAC: Approve as Amended under criteria 6. Recommended to include both the formal title of the agency and the commonly known title. Post CAC: BSC included both titles.	
1-2	<u>SALVAGED MATERIAL OR PRODUCT</u>	Further Study Required	Withdraw	B. Raymer, Industry Coalition Comment: Approve	Add this definition to support the proposed express terms found in Sections 5.409 and A5.409. CAC: Recommend further study under criteria 6 to reference the sections where the term is used, as well as a note to specify compliance with all parts of Title 24. Post CAC: BSC has withdrawn the proposed definition. The exception in Sections 5.409.3 and A5.409.3 have been revised to include an explanation for the use of “salvaged materials”.	

ITEM 2**CHAPTER 5, SECTION 5.105 - DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES**

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
2-1	5.105.1 Scope Reserved	Approve	Accept	No public comment received.	Relocate embodied carbon reduction provisions related to building reuse option to Section 5.409 where the other two embodied carbon reduction compliance options are located. Reserve this section and relocate content.	
2-2	5.105.2 Reuse of existing building. 5.105.2.1 Verification of compliance.	Approve	Accept	No public comment received.	Relocate contents of Sections 5.105.2 and 5.105.2.1 to Section 5.409. Provide a pointer to the new location of existing building reuse regulations.	

ITEM 3**CHAPTER 5, SECTION 5.106 - SITE DEVELOPMENT**

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 3	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
3-1	5.106.4.1 Bicycle parking. 5.106.4.1.2 Long-term bicycle parking.	Approve	Accept	No public comment received.	Relocate sentence about rounding calculations for bicycle parking calculations from Section 5.106.4.1.2 to Section 5.106.4.1 for clarification.	

ITEM 4**CHAPTER 5, SECTION 5.106 - SITE DEVELOPMENT**

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
4-1	5.106.5.3 Electric vehicle (EV) charging. [N] [BSC-CG]	Approve	Accept	No public comment received.	Amend to clean up the language and correct the grammar structure of the sentence.	
4-2	5.106.5.3.3 Use of automatic load management systems (ALMS)	Approve	Accept	No public comment received.	Amend to change the unit of measurement from the current amperes to kW.	

BSC 03/25 ITEM 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
4-3	5.106.5.4 Additions or alterations to existing buildings or parking facilities [A]. [BSC-CG]	Further Study Required	Accept	B. Raymer, Industry Coalition Comment: Approve	Amend trigger 2 to clarify scoping requirements for new photovoltaic system projects that cover existing parking spaces. Additionally, there is an editorial change proposed in the main body of the code section. CAC: Recommend further study under criteria 6 to clarify that EV parking is to be located beneath the new PV canopy. Post CAC: ET has been Amended as recommended by CAC. See ET and ISOR.	

ITEM 5

CHAPTER 5, SECTION 5.304 - OUTDOOR WATER USE

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
5-1	5.304.2 Reserved Nonfunctional Turf. [BSC-CG]	Approve as Amended	Accept	B. Raymer, Industry Coalition Comment: Approve	Add a note regarding nonfunctional turf requirements applicable to nonresidential occupancies. The note provides a pointer to Water Code Section 10608.14, as suggested during the Green Code Advisory Committee. CAC: Approve as Amended under criteria 6. Recommended to add reference to Water Code Section 10608.12, as this section provides the definition of nonfunctional turf. Post CAC: ET has been revised as recommended by CAC.	

ITEM 6

CHAPTER 5, SECTION 5.402 - DEFINITIONS

BSC proposes to amend Section 5.402.1.

BSC 03/25 ITEM 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
6-1	<u>SALVAGED MATERIAL OR PRODUCT</u>	Approve	Withdraw	B. Raymer, Industry Coalition Comment: Approve	Add a new term to the list of definitions in Section 5.402.1 to align with the definition added to Chapter 2. Post CAC: See annotation for Item 1-2.	

ITEM 7

CHAPTER 5, SECTION 5.407.1 - WEATHER PROTECTION

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
7-1	5.407.1 Reserved Weather protection.	Approve	Accept	No public comment received.	Repeal this section, as it's redundant to sections within California Building Code (Part 2 of Title 24) for weather protection.	

ITEM 8

CHAPTER 5, SECTION 5.408—CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
8-1	5.408.1.1 Construction waste management plan.	Approve	Accept	No public comment received.	Add a note to clarify where to find information regarding carpet waste diversion facilities.	

ITEM 9

CHAPTER 5 NONRESIDENTIAL MANDATORY MEASURES, SECTION 5.409 LIFE CYCLE ASSESSMENT (RENAMED TO EMBODIED CARBON REDUCTION)

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
9-1	5.409 LIFE CYCLE ASSESSMENT <u>EMBODIED CARBON REDUCTION</u> 5.409.1 Scope	Approve	Accept	No public comment received.	Amend to consolidate all embodied carbon reduction provisions in Section 5.409 and rename it to Embodied Carbon Reduction. Relocate Exception to Section 5.409.1. Revise references to other reorganized sections. Repeal language referencing a sunset date of January 1, 2026, and update minimum building area requirements to address the sunset of language referencing 100,000 SF buildings, changing it to 50,000 SF.	
9-2	5.405.2 <u>5.409.2</u> Reuse of existing building option 5.405.2.1-5.409.2.1 Verification of compliance.	Approve	Accept	No public comment received.	Revise the title and renumber these sections to reflect the reorganization.	
9-3	5.409.3 Product GWP compliance - prescriptive path option 5.409.3.1	Approve	Accept	No public comment received.	Revise the title to reflect the reorganization. Combine Sections 5.409.3 and 5.409.3.1 into one section to more accurately reflect the requirements for compliance.	

BSC 03/25 ITEM 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
9-4	5.409.3, <u>Exception 1</u>	Approve	Disagree	B. Raymer, Industry Coalition Comment: Approve	Add an exception to clarify that Salvaged Materials or Products are not required to have an EPD and shall have a GWP of zero. Post CAC: The exception has been revised to incorporate the language from the formerly proposed definition of “salvaged materials and products” eliminating the need for a new defined term in ITEM 1-2.	
9-5	5.409.3, <u>Exception 2</u>	Approve	Accept	No public comment received.	Renumber to Exception 2 to coordinate with SUB-ITEM 9-4 proposal. Revise the language to clarify how concrete can be considered in the GWP calculations.	
9-6	Table 5.409.3 Product GWP Limits	Approve	Accept	No public comment received.	Amend addressing an error in the unit of measurement for flat glass. Additionally, delete or revise superscripts used in table headings that refer to table footnotes to coordinate with proposal in SUB-ITEM 9-7.	
9-7	Table 5.409.3 Footnotes	Approve	Accept	No public comment received.	Repeal notes 1 & 2, which describe how the values are calculated to eliminate confusion for the code users.	
9-8	5.409.3.21 Verification of compliance	Approve	Accept	No public comment received.	Renumber this section to reflect the reorganization.	
9-9	5.409.2 5.409.4 Whole building life cycle assessment – performance option 5.409.24.1, 5.409.24.2, 5.409.24.3	Approve	Accept	No public comment received.	Revise the title and renumber these sections to reflect the reorganization. Add the word “geographic” before “location” for clarity.	

ITEM 10

CHAPTER 8 COMPLIANCE FORMS, WORKSHEETS AND REFERENCE MATERIAL

BSC proposes to amend worksheets listed below.

BSC 03/25 ITEM 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
10-1	Worksheet (WS-3) 5.405.2 Section 5.409.2 REUSE OF EXISTING BUILDING OPTION REUSE	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Correct a typo in the last column of the table from square footage to percentage.	
10-2	Worksheet (WS-4) Section 5.409.2 5.409.4 WHOLE BUILDING LIFE CYCLE ASSESSMENT – PERFORMANCE OPTION	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Add the term “geographic” before “location” for clarity. Renumber referenced sections.	

BSC 03/25 ITEM 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
10-3	Worksheet (WS-5) Section 5.409.3 PRODUCT GWP COMPLIANCE – PRESCRIPTIVE PATH OPTION	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Correct the language of this worksheet to address the previously incorrect instruction for compliance using this option for compliance.	
10-4	Worksheet (WS-6) Section A5.405.2 A5.409.2 REUSE OF EXISTING BUILDING REUSE TIER 1 AND TIER 2	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Add language that was missed before to provide consistency with existing scoping regulations and exceptions.	
10-5	Worksheet (WS-7) Section A5.409.2 A5.409.4 WHOLE BUILDING LIFE CYCLE ASSESSMENT – PERFORMANCE OPTION	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Add the term “geographic” before “location” for clarity. Renumber referenced sections.	
10-6	Worksheet (WS-8) Section A5.409.3 PRODUCT GWP COMPLIANCE—PRESCRIPTIVE PATH OPTION	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization. Correct the language of this worksheet to address the previously incorrect instruction for compliance using this option for compliance.	
10-7	Worksheet (WS-9) Section 5.409.42 and Section A5.409.42 WHOLE BUILDING LIFE CYCLE ASSESSMENT – PERFORMANCE OPTION	Approve	Accept	No public comment received.	Rename the worksheet to reflect the reorganization.	

ITEM 11

APPENDIX A5, NONRESIDENTIAL VOLUNTARY MEASURES, SECTION A5.105—DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
11-1	A5.105.1 <u>Reserved Scope</u>	Approve	Accept	No public comment received.	Relocate voluntary embodied carbon reduction provisions related to building reuse option to Section A5.409 where the other two embodied carbon reduction compliance options are located. Reserve this section as the language is duplicative with Section A5.409.1.	

BSC 03/25 ITEM 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
11-2	A5.105.2 Reuse of existing building A5.105.2.1 Tier 1, A5.105.2.2 Tier 2, A5.105.2.3 Verification of compliance	Approve	Accept	No public comment received.	Relocate content of these sections to Section A5.409. Provide a pointer to the new location of existing building reuse regulations.	

ITEM 12

APPENDIX A5, SECTION A5.106 – SITE DEVELOPMENT

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
12-1	A5.106.5.1.4 Parking stall marking.	Approve	Accept	No public comment received.	Amend to provide editorial correction for clarity.	
12-2	A5.106.7.2 Opaque wall areas.	Approve	Accept	No public comment received.	Amend the reference pointer from CBC Chapter 7A to the California Wildland-Urban Interface Code (CWUIC).	

ITEM 13

APPENDIX A5, SECTION A5.402 - DEFINITIONS

BSC proposes to amend Section A5.402.1.

BSC 03/25 ITEM 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
13-1	<u>SALVAGED MATERIAL OR PRODUCT</u>	Approve	Withdraw	B. Raymer, Industry Coalition Comment: Approve	Add a new term to the list of definitions in Section A5.402.1 to align with the definition added to Chapter 2. Post CAC: See annotation for Item 1-2.	

ITEM 14

APPENDIX A5, SECTION A5.405 - MATERIAL SOURCES

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
14-1	A5.405.4 Recycled content.	Approve	Accept	No public comment received.	Delete Note 1 and renumber.	

ITEM 15

APPENDIX A5, SECTION A5.409 - LIFE CYCLE ASSESSMENT

BSC proposes to amend sections listed below.

BSC 03/25 ITEM 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
15-1	A5.409 LIFE CYCLE ASSESSMENT EMBODIED CARBON REDUCTION A5.409.1 Scope	Approve	Accept	No public comment received.	Amend to coordinate with proposal for mandatory regulations and consolidate all voluntary embodied carbon reduction provisions in Section A5.409 and rename it to Embodied Carbon Reduction. Revise references to other reorganized sections accordingly.	
15-2	A5.405.2 A5.409.2 Reuse of existing building option. A5.405.2.1 A5.409.2.1 A5.405.2.2 A5.409.2.2 A5.405.2.3 A5.409.2.3	Approve	Accept	No public comment received.	Revise the title and renumber these sections to reflect the reorganization.	
15-3	A5.409.3 Product GWP compliance - prescriptive path option. A5.409.3.1	Approve	Accept	No public comment received.	Revise the title to reflect the reorganization. Combine Sections A5.409.3 and A5.409.3.1 into one section to more accurately reflect the requirements for compliance.	
15-4	A5.409.3, <u>Exception 1</u>	Approve	Disagree	B. Raymer, Industry Coalition Comment: Approve	Add exception for salvaged materials. Post CAC: The exception has been revised to incorporate the language from the formerly proposed definition of “salvaged materials and products” eliminating the need for a new defined term in ITEM 1-2.	
15-5	A5.409.3, <u>Exception 2</u>	Approve	Accept	No public comment received.	Renumber exception to accommodate addition of exception 1. Revise the language to clarify how concrete can be considered in the GWP calculations. Correct typo in the exception equation referring to correct table.	
15-6	TABLE A5.409.3—PRODUCT GWP LIMITS, TIER 1 AND TIER 2	Approve	Accept	No public comment received.	Amend addressing an error in the unit of measurement for flat glass. Additionally, delete or revise superscripts used in table headings that refer to table footnotes to coordinate with proposal in SUB-ITEM 15-7.	
15-7	TABLE A5.409.3 Footnotes	Approve	Accept	No public comment received.	Repeal footnotes 1 & 2 to eliminate confusion.	
15-8	A5.409.3.21 <u>Verification of compliance.</u>	Approve	Accept	No public comment received.	Renumber section.	
15-9	A5.409.2 A5.409.4 Whole building life cycle assessment – performance option. A5.409.2.1 A5.409.4.1 A5.409.2.2 A5.409.4.2	Approve	Accept	No public comment received.	Revise the title and renumber these sections to reflect the reorganization. Add the word “geographic” before “location” for clarity.	

BSC 03/25 ITEM 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
15-10	A5.409.4.2 Exception	Approve	Accept	No public comment received.	Amend Exception for Tier 2 compliance to align with exception for Tier 1 compliance.	
15-11	A5.409.2.3 A5.409.4.3 Verification of compliance.	Approve	Accept	No public comment received.	Renumber section.	
15-12	A5.409.4 A5.409.5 Whole building life cycle assessment of additional impacts A5.409.4.1 A5.409.5.1	Approve	Accept	No public comment received.	Renumber these sections to reflect the reorganization. Add the word “geographic” before “location” for clarity.	