

**COMMISSION ACTION MATRIX**

**2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, TITLE 24, PART 11**  
**AGENCY: CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT (HCD 03/21)**

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**Matrix Paper Color (for commission action only):** GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

**GREEN CODE ADVISORY COMMITTEE**

**CHAPTER 1-- ADMINISTRATION**

Adopt/Repeal sections from the 2019 CALGreen into the 2022 CALGreen as listed below:

Item Number 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-1-1	104.1 Scope.	Approve	Accept		HCD proposes to continue adoption of this section and to amend the Authority and Reference. HCD: No action required.	

**CHAPTER 2-- DEFINITIONS**

Adopt/amend definitions from the 2019 CALGreen into the 2022 CALGreen as listed below:

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-2-1	ELECTRIC VEHICLE (EV) CAPABLE SPACE	Approve	Accept		HCD proposes to adopt a new definition for EV capable spaces. HCD: No action required.	
HCD 03/21-2-2	ELECTRIC VEHICLE (EV) READY SPACE	Approve	Accept		HCD proposes to adopt a new definition for EV ready spaces. HCD: No action required.	

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-2-3	LEVEL 2 ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).	Approve	Accept		HCD proposes to adopt a new definition for Level 2 EVSE. HCD: No action required.	
HCD 03/21-2-4	LOW POWER LEVEL 2 ELECTRIC VEHICLE (EV) CHARGING RECEPTACLE.	Approve	Accept		HCD proposes to adopt new definition for EV charging receptacles. HCD: No action required.	
HCD 03/21-2-5	NONWATER URINAL WITH DRAIN CLEANSING ACTION	Approve	Accept		HCD proposes to amend the title and the definition to align with newly defined term in the 2021 UPC. HCD: No action required.	

### CHAPTER 3 – GREEN BUILDING

Repeal sections from “designated parking” in the 2019 CALGreen into the 2022 CALGreen as listed below:

Item Number 3	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-3-1	301.1.1 Additions and alterations.	Further Study	Accept		HCD proposes to amend to clarify that CALGreen provisions may apply to additions or alterations of existing parking facilities or new parking facilities added to existing multifamily residential buildings to avoid conflict with section 301.1.1. This amendment is associated with section 4.106.4.2.3. CAC: Provide clarification on types of repairs not subject to CALGreen. HCD: Note added to clarify types of alterations not subject to CALGreen provisions.	

**CHAPTER 4 – RESIDENTIAL MANDATORY MEASURES**

Adopt/Amend/Repeal sections from “Electric Vehicle Infrastructure” in the 2019 CALGreen into the 2022 CALGreen as listed below:

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-4-1	4.106.4, Exceptions 1.2, 1.3 & 1.4.	<b>Further Study</b>	<b>Accept</b>		HCD proposes to amend Exception 1.2 and add new Exceptions 1.3 & 1.4. CAC: 1. consider using BSC language Vs 3-exceptions; 2. Add technical infeasibility. HCD: Proposed exceptions modified to remove reference to cost thresholds and modified reference to commercial utility and added exception text for inability for local utility to supply power and possible exception based on adverse impacts to construction costs.	
HCD 03/21-4-2	4.106.4.2 through 4.106.4.2.5	<b>Approve</b>	<b>Accept</b>		HCD proposes to repeal this section and related subsections. HCD: No action required.	
HCD 03/21-4-3	4.106.4.2	<b>Further Study</b>	<b>Accept</b>		On behalf of CARB, HCD proposes this new amendment which permits EV spaces to be counted as parking spaces only for the purposes of meeting parking space requirements at the local level. CAC: consider explicit language on ALMS; coordinate with BSC; Add word “when parking is provided” HCD: added use of ALMS in Section 4.106.4.2.2; changed text to “when parking is provided.”	

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-4-4	4.106.4.2.1	Further Study	Accept		On behalf of CARB, HCD proposes a new percentage requirement for installation of low power Level 2 receptacles for parking spaces in all new multifamily developments with additional stipulations regarding costs. CAC: Coordinate with BSC total Parking spaces; outlet configuration; address parking lifts. HCD: Percentage has always been based on total parking spaces (no change); outlet configuration could not identified as a specific NEMA outlet (left ot designer); parking lift exception determined to be valid since not all parking lifts are suitable for supporting EV charging.	
HCD 03/21-4-5	4.106.4.2.2	Further Study	Accept		HCD proposes adoption of this new section regarding larger projects and installation of Level 2 EV chargers for 5 percent of parking spaces with exceptions for voluntary compliance measures that exceed requirements in this section. CAC: Use section number instead of “3;” use the word percent “minimum;” consider Alternate compliance option. HCD: Recommended editorial changes made. Alternative Compliance Pathway method analyzed, but not included due to lack of sufficient public review.	
HCD 03/21-4-6	4.106.4.2.2.1	Approve	Accept		Proposes adoption of this new section regarding EVCS. HCD: No action required.	
HCD 03/21-4-7	4.106.4.2.2.2	Approve	Accept		Proposes adoption of this new section regarding EVCS dimensions. HCD: No action required.	
HCD 03/21-4-8	4.106.4.2.2.3	Approve	Accept		Proposes adoption of this new section regarding Accessible EV spaces. HCD: No action required.	

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-4-9	4.106.4.2.3	Further Study	Accept		HCD proposes adoption this referenced new section regarding proposed requirements for EV infrastructure in existing multifamily buildings when new parking facilities are added and undergoing permitted upgrades. CAC: Suggestion: Add note to exempt stripping and resurfacing HCD: Clarification on exemptions added to Section 301.1.1.	
HCD 03/21-4-10	4.106.4.2.4	Approve	Accept		Propose new section regarding EV space requirements. HCD: No action required.	
HCD 03/21-4-11	4.106.4.2.5 Identification.	Approve	Accept		Propose new section regarding EV space identification requirements for future EV charging purposes. HCD: No action required.	
HCD 03/21-4-12	4.106.4.3 through 4.106.8.3.6	Approve	Accept		Repeal this section and related subsections and table for purposes of reformatting. HCD: No action required.	

**CHAPTER 4 – RESIDENTIAL MANDATORY MEASURES, DIVISION 4.3, WATER EFFICIENCY AND CONSERVATION**

Continue adoption of sections into the 2022 CALGreen as listed below:

Item Number 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-5-1	DIVISION 4.3	Approve	Accept		Continue adoption of Chapter 4, Division 4.3, without amendment. HCD: No action required.	

**CHAPTER 4 – RESIDENTIAL MANDATORY MEASURES, DIVISION 4.4, MATERIAL CONSERVATION AND RESOURCE EFFICIENCY**

Continue adoption of sections and new amendments into the 2022 CALGreen as listed below:

Item Number 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-6-1	DIVISION 4.4	Further Study	Disagree		Continue adoption of Chapter 4, Division 4.4, with new amendments. HCD: This is just a carryover of Division 4.4 with the exception of Section 4.410.1. This should have been an “approve as Submitted.” No change made	
HCD 03/21-6-2	4.410.1	Further Study	Disagree		HCD proposes new grab bar reinforcements in certain circumstances to align with statute. CAC: Include text justifying reason for placement in CALGreen. HCD: No change to text to follow format of the other listed items which do not include justifications; justification for reducing construction waste lumber included in ISOR.	

**CHAPTER 4 – RESIDENTIAL MANDATORY MEASURES, DIVISION 4.5, ENVIRONMENTAL QUALITY**

Continue adoption of sections without amendments into the 2022 CALGreen as listed below:

Item Number 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-7-1	DIVISION 4.5	Approve	Accept		Continue adoption of Chapter 4, Division 4.5, without additional amendments. HCD: No action required.	

**CHAPTER 6 – REFERENCED ORGANIZATIONS AND STANDARDS**

Continue adoption of sections without amendments into the 2022 CALGreen as listed below:

Item Number 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-8-1	CHAPTER 6	Approve	Accept		Continue adoption of Chapter 6 without additional amendments. HCD: No action required.	

**CHAPTER 7 – INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS**

Continue adoption of sections without amendments into the 2022 CALGreen as listed below:

Item Number 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-9-1	CHAPTER 7	Approve	Accept		Continue adoption of Chapter 7 without additional amendments. HCD: No action required.	

**CHAPTER 8 – COMPLIANCE FORM, WORKSHEET, AND REFERENCE MATERIAL**

Continue NON-adoption of sections into the 2022 CALGreen as listed below:

Item Number 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-10-1	CHAPTER 8	Approve	Accept		Continue NON-adoption of Chapter 8 from the 2019 CALGreen. HCD: No action required.	

**APPENDIX A4 – RESIDENTIAL VOLUNTARY MEASURES, DIVISION A4.1, PLANNING AND DESIGN**

Continue adoption of sections and new amendments into the 2022 CALGreen as listed below:

Item Number 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-11-1	A4.106.8.2 Tier 1 & 2	Approve	Accept		Modify title and repeal Tier 1 and Tier 2 provisions. HCD: No action required.	
HCD 03/21-11-2	A4.106.8.2.1	Approve	Accept		HCD proposes to add new section and include provisions for Tier 1 and Tier 2 regarding low power Level 2 receptacles and options. HCD: No action required.	
HCD 03/21-11-3	A4.106.8.2.2 (formerly A4.106.8.2.1)	Approve	Accept		Renumber this section with editorial changes. HCD: No action required.	
HCD 03/21-11-4	A4.106.8.3	Approve	Accept		Repeal this section and related subsections and tables. HCD: No action required.	

**APPENDIX A4 – RESIDENTIAL VOLUNTARY MEASURES, DIVISION A4.3, WATER EFFICIENCY AND CONSERVATION**

Continue adoption of sections and new amendments into the 2022 CALGreen as listed below:

Item Number 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-12-1	A4.303.4 Nonwater urinals and waterless toilets	<b>Approve</b>	<b>Accept</b>		HCD proposes to adopt this section (formerly hybrid urinals) with modification to align terminology with the 2021 CPC. HCD: No action required.	

**APPENDIX A4 – RESIDENTIAL VOLUNTARY MEASURES, DIVISION A4.4, MATERIAL CONSERVATION AND RESOURCE EFFICIENCY**

Continue adoption of sections without amendments into the 2022 CALGreen as listed below:

Item Number 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-13-1	APPENDIX A4, Division A4.4	<b>Approve</b>	<b>Accept</b>		HCD proposes to continue adopting APPENDIX A4, Division A4.4 without additional amendments. HCD: No action required.	

**APPENDIX A4 – RESIDENTIAL VOLUNTARY MEASURES, DIVISION A4.5, ENVIRONMENTAL QUALITY**

Continue adoption of sections without amendments into the 2022 CALGreen as listed below:

Item Number 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-14-1	APPENDIX A4, Division A4.5	<b>Approve</b>	<b>Accept</b>		Continue adoption of APPENDIX A4, Division A4.5 without additional amendments. HCD: No action required.	



**APPENDIX A4 – RESIDENTIAL VOLUNTARY MEASURES, DIVISION A4.6, TIER 1 AND TIER 2**

Continue adoption of sections and new amendments into the 2022 CALGreen as listed below:

Item Number 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 03/21-15-1	A4.602 Residential occupancies application checklist.	<b>Approve</b>	<b>Accept</b>		HCD proposes to amend Table A4.602 to align with proposed code amendments to Chapters 4 and A4. HCD: No action required.	