

2024 CALGreen Updates

NONRESIDENTIAL MANDATORY & VOLUNTARY MEASURES

Following is a summary of updates and changes to the nonresidential **mandatory** and **voluntary** measures in the **supplements** to the 2022 California Green Building Standards Code (CALGreen), Part 11 of Title 24, effective July 1, 2024. Refer to the published code for detailed provisions.

MANDATORY MEASURES Division 5.1 Planning and Design

EMBODIED CARBON REDUCTION	NEW REGULATIONS
DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES	5.105.1 – SCOPE – 100,000 SF OR GREATER (BSC) 50,000 SF OR GREATER (DSA)
	5.105.2 – MAINTAIN 45% OF EXISTING STRUCTURE and ENCLOSURE. VERIFICATION OF COMPLIANCE.

ELECTRIC VEHICLE (EV) CHARGING	NEW AND AMENDED REGULATIONS
	5.106.5.3 – INCREASED PERCENTAGES, ADDED ALTERNATIVE COMPLIANCE PATHWAYS, ACCESSIBILITY and SIGNAGE. UPDATED TABLES.
COMPLIANCE PATHWAY #1 DCFC	5.106.5.3.2.1 – ONE DCFC REDUCES NUMBER OF REQUIRED EVCS BY FIVE (A 1:5 RATIO)
COMPLIANCE PATHWAY #2 CHARGING RECEPTACLES	5.106.5.3.2.2 – TWO LOW POWER LEVEL 2 EV CHARGING RECEPTACLES REDUCES REQUIRED EVCS BY ONE
COMPLIANCE PATHWAY #3 POWER ALLOCATION METHOD	5.106.5.3.6 – DETERMINE TOTAL ACTUAL POWER KVA BASED ON TOTAL ACTUAL PARKING SPACES
	5.106.5.4 – ADDITIONS or ALTERATIONS TO BUILDINGS or PARKING FACILITIES, with exceptions
	5.106.5.5 – AMENDED TO INCLUDE MEDIUM- and HEAVY-DUTY EV CHARGING at OFFICE BUILDINGS and MANUFACTURING FACILITIES

Division 5.4 Material Conservation and Resource Efficiency

EMBODIED CARBON REDUCTION	NEW REGULATIONS
WHOLE BUILDING LIFE CYCLE ASSESSMENT	5.409.2 – WHOLE BUILDING LIFE CYCLE ASSESSMENT and VERIFICATION OF COMPLIANCE
PRODUCT GLOBAL WARMING POTENTIAL	5.409.3 – TYPE III ENVIRONMENTAL PRODUCT DECLARATION (EPD), with TABLE, and VERIFICATION OF COMPLIANCE



VOLUNTARY MEASURES

Division A5.1 Planning and Design

EMBODIED CARBON REDUCTION	SECTION A5.105 DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES
PROJECTS 50,000 SF OR GREATER	TIER 1 – 75% OF EXISTING STRUCTURE & ENCLOSURE
	TIER 2 – 75%, plus 30% INTERIOR NON-STRUCTURAL
PROJECTS LESS THAN 50,000 SF	TIER 1 – 45% OF EXISTING STRUCTURE & ENCLOSURE
	TIER 2 – 75% OF EXISTING STRUCTURE & ENCLOSURE
ELECTRIC VEHICLE CHARGING	SECTION A5.106.5
DESIGNATED PARKING FOR CLEAN AIR VEHICLES	AMENDED “FUEL-EFFICIENT” TO “HIGH-EFFICIENCY”
FUTURE CHARGING SPACES, STALL MARKING and VEHICLE DESIGNATIONS	CLARIFYING LANGUAGE ADDED TO THESE SUBSECTIONS
ALTERNATIVE COMPLIANCE PATHWAYS	ADDED POWER ALLOCATION METHOD and ASSOCIATED TABLES
REDUCTION OF HEAT ISLAND EFFECT	SECTION A5.106.11 (no tiers)
	HARDSCAPE ALTERNATIVES, COOL ROOFS or SHADE TREES
BIRD-FRIENDLY BUILDING DESIGN	SECTION A5.107 (no tiers)
	GLAZING – FRITTING, ETCHING
	EXTERIOR – SLATS, SCREENS, NETS, LOUVERS
	NIGHTTIME MITIGATION and O&M MANUAL

Division A5.4 Material Conservation and Resource Efficiency

EMBODIED CARBON REDUCTION	SECTIONS A5.409.1 and A5.409.2 WHOLE BUILDING LIFE CYCLE ASSESSMENT
PROJECTS 50,000 SF OR GREATER	TIER 1 – 15% REDUCTION IN GWP
	TIER 2 – 20% REDUCTION IN GWP
PROJECTS LESS THAN 50,000 SF	TIER 1 – 10% REDUCTION IN GWP
	TIER 2 – 15% REDUCTION IN GWP
EMBODIED CARBON REDUCTION	SECTIONS A5.409.1 and A5.409.3 PRODUCT GLOBAL WARMING POTENTIAL
PROJECTS 50,000 SF OR GREATER	TIER 1 – COMPLY WITH <i>TIER 1</i> IN TABLE A5.409.3
	TIER 2 – COMPLY WITH <i>TIER 2</i> IN TABLE A5.409.3
PROJECTS LESS THAN 50,000 SF	TIER 1 – COMPLY WITH <i>MANDATORY</i> TABLE 5.409.3
	TIER 2 – COMPLY WITH <i>TIER 1</i> IN TABLE A5.409.3