

2025 CALGREEN RESIDENTIAL OCCUPANCIES APPLICATION CHECKLIST—ATTACHMENT

Energy Commission provisions for High-Rise Residential and Hotels/Motels Effective January 1, 2026

Note: This checklist is provided for user convenience. This checklist is not a 2025 CALGreen table.

FEATURE OR MEASURE	LEVELS APPLICANT TO SELECT ELECTIVE MEASURES			VERIFICATIONS ENFORCING AGENCY TO SPECIFY VERIFICATION METHOD		
	Mandatory	Prerequisites and Electives ¹		Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third- Party <input type="checkbox"/> All
		Tier 1	Tier 2			
ENERGY EFFICIENCY (HIGH-RISE RESIDENTIAL & HOTELS/MOTELS)						
General						
5.201.1 Building meets or exceeds the requirements of the <i>California Building Energy Efficiency Standards</i> .	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ²	<input checked="" type="checkbox"/> ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-Rise Residential and Hotel/Motel Prerequisites A5.203.1.1 and A5.203.1.2 apply if lighting and/or mechanical systems are included. Buildings permitted without lighting or mechanical systems shall comply with Section A5.203.1.1 only.						
A5.203.1.1 Tier 1. <u>One</u> of the following efficiency measures is required. Tier 2. <u>Two</u> of the following efficiency measures is required. A5.203.1.1.1 ≤ 90% of Allowed Outdoor Lighting Power and color temperature for applicable general hardscape lighting is ≤ 3000K. See exception. A5.203.1.1.2 Outdoor pole-mounted luminaires shall be installed with tilting ≤ than 10 degrees, or the out-door luminaires shall be installed with arm-mount or tenon-mount capable of tilting less than or within 10 degrees. See exceptions. A5.203.1.1.2 Newly constructed restaurants ≥ 8000 square feet with service water heaters rated ≥ 75,000 Btu/h shall install a solar water-heating system with a minimum solar savings fraction of 0.15. See exceptions. A5.203.1.1.3 Exterior loading dock doors adjacent to conditioned or indirectly conditioned spaces shall have dock seals or dock shelters installed at the time of permit. Applies to newly constructed buildings and loading dock doors added to existing buildings. A5.203.1.1.4 Daylighting devices shall be installed as specified in Title 24, Part 6, Section 140.3(d). A5.203.1.1.5 Heat recovery requirements based on ASHRAE 90.1 Section 6.5.6.1 are adapted and modified for California climate zones as specified in CALGreen. See exceptions.		<input checked="" type="checkbox"/> ²	<input checked="" type="checkbox"/> ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

¹ Green building measures listed in this table may be mandatory if adopted by a city, county, or city and county as specified in Section 101.7.

² Required prerequisite for this Tier.

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High-Rise Residential and Hotel/Motel Performance Standards						
A5.203.1.2.1 Tier 1. Buildings complying with the first level of advanced energy efficiency shall have an Energy Budget no greater than indicated below, depending on building type and type of energy systems included in the building project. If the newly constructed building or addition does not include indoor lighting or mechanical systems, no additional performance requirements above the Energy Code are required.		<input checked="" type="checkbox"/> ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1. For nonresidential building projects that include indoor lighting or mechanical systems, but not both: No greater than 95% of the California Energy Code's Energy Budget for the Standard Design Building as calculated by compliance software certified by the Energy Commission.						
2. For nonresidential building projects that include indoor lighting and mechanical systems: No greater than 90% of the California Energy Code's Energy Budget as calculated by compliance software certified by the Energy Commission.						
3. High-rise residential and hotel/motel projects: No greater than 95% of the California Energy Code's Energy Budget for the Standard Design Building as calculated by Compliance Software certified by the Energy Commission.						
A5.203.1.2.2 Tier 2. Buildings complying with the second level of advanced energy efficiency shall have an Energy Budget no greater than indicated below, depending on building type and type of energy systems included in the building project. If the newly constructed building or addition does not include indoor lighting or mechanical systems, no additional performance requirements above the Energy Code are required.		<input type="checkbox"/>	<input checked="" type="checkbox"/> ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1. For nonresidential building projects that include indoor lighting or mechanical systems, but not both: No greater than 90% of the California Energy Code's Energy Budget for the Standard Design Building as calculated by compliance software certified by the Energy Commission.						
2. For nonresidential building projects that include indoor lighting and mechanical systems: No greater than 85% of the California Energy Code's Energy Budget for the Standard Design Building as calculated by compliance software certified by the Energy Commission.						
3. High-rise residential and hotel/motel projects: No greater than 95% of the California Energy Code Energy Budget for the Standard Design Building as calculated by Compliance Software certified by the Energy Commission.						

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		Tier 1	Tier 2			
High-Rise Residential and Hotel/Motel – Elevators, Escalators and Other Equipment						
A5.212.1 Elevators and escalators. In buildings with more than one elevator or two escalators, provide systems and controls to reduce energy demand. A5.212.1.1 Elevators. Traction elevators shall have a regenerative drive system which feeds power back into the building grid when in motion. A5.212.1.1.1 Car lights and fan. Parked elevators shall turn off car lights and fan automatically until elevator is called for use. A5.212.1.2 Escalators. Escalators shall have a VVVF motor drive system that is fully regenerative when in motion. A5.212.1.4 Controls. Controls that reduce energy demand shall meet requirements of the California Code of Regulations, Title 8, Chapter 4, Subchapter 6, and shall not interrupt emergency operations for elevators required in the <i>California Building Code</i> , Title 24, Part 2.		<input type="checkbox"/> ²	<input type="checkbox"/> ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High-Rise Residential and Hotel/ Motel – Energy Efficient Framing						
A5.213 Energy Efficient Framing. Design steel framing for maximum energy efficiency. Techniques for avoiding thermal bridging in the envelope include: 1. Exterior rigid insulation. 2. Punching large holes in the stud web without affecting structural integrity of the stud. 3. Spacing studs as far as possible while maintaining structural integrity of the structure. 4. Detailed design of intersections of wall openings and building intersections of floors, walls, and roofs		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>