



Item 8: Adoption of Voluntary Standards in the 2025 California Green Building Standards Code

September 11, 2024 Business Meeting

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Efficiency Division, Building Standards Branch



Authority & Process



Source: Procore

- Warren-Alquist Act signed into law in 1974
- Grants CEC authority to update Building Energy Efficiency Standards
- Also provides CEC authority to update voluntary standards within CALGreen
 - Appendix A4.2 – Residential Voluntary Measures, Energy Efficiency
 - Appendix A5.2 – Nonresidential Voluntary Measures, Energy Efficiency



Benefits to Californians

- Readymade template
- Signals future direction
- Encourages market development
- Greenhouse has emissions reductions
- Introduces standards for existing buildings



Source: Joseph Schell



2025 Code Cycle Process

Milestone	Timeline
33 Public Workshops/Hearings	3/22/22 – 4/18/24
Green Code Advisory Committee	3/18/24
45-Day Public Comment	5/17/24 – 7/1/24
Lead Commissioner Hearing	6/5/24
15-Day Public Comment	8/16/24 – 9/2/24
Today → CEC Proposed Adoption	9/11/24
Proposed Effective Date	1/1/26



Proposed Amendments to CALGreen

Increase energy efficiency for residential and nonresidential buildings beyond Energy Code requirements by:

- Introducing new standards for existing buildings
- Amending and expanding standards for newly constructed buildings



Source: Lawrence Andersen



Alterations to Single-Family Space Conditioning Systems

Summary of Measure Proposal:

- Prescriptive requirement for a heat pump when replacing an air-conditioner (AC) in existing single-family homes
- Prescriptive pathway for AC installations with certain conditions

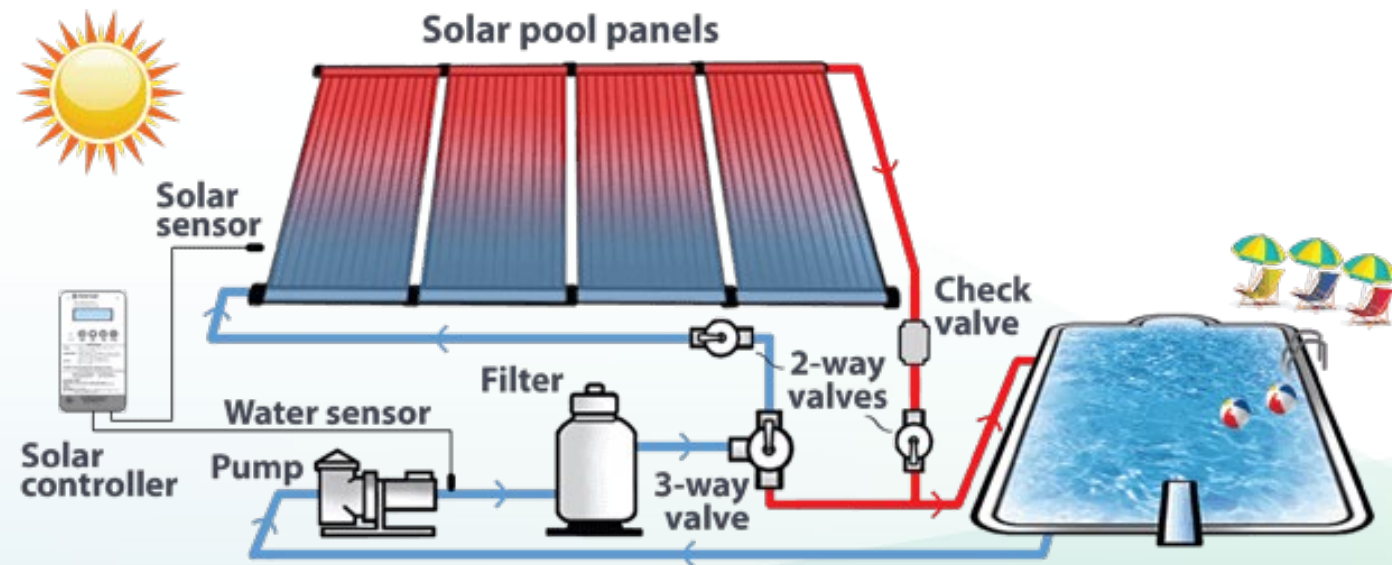


Source: Howard Air



Alterations to Pool and/or Spa Heating

- Applies to multifamily and nonresidential pool or spa heater alterations
- Improves the efficiency of the pool heater
- Encourages the use of solar pool heating and heat pump pool heaters



Source: STouchActi



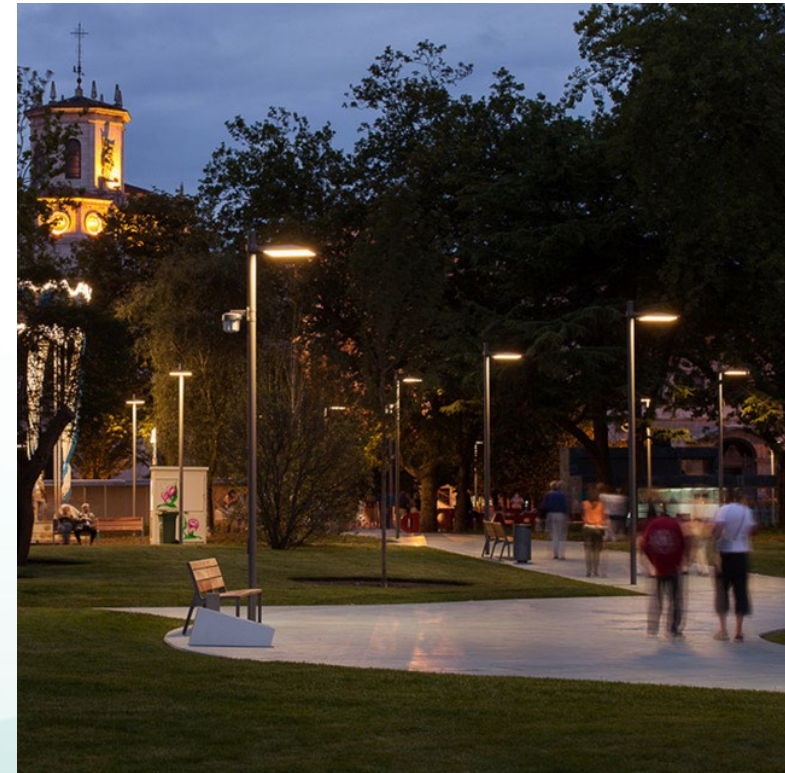
Other 2025 CALGreen Highlights

- Performance energy targets for new single-family homes



Source: Ryan Filgas

- Outdoor luminaire standards for all building types



Source: iGuzzini



Staff Recommendation

Staff requests the Commission:

- Adopt staff's determination that this action is exempt from CEQA.
- Adopt the proposed amendments to the California Green Building Standards Code, Title 24, Part 11 (CALGreen)



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