

Proposal Summary



2022 California Energy Code (Title 24, Part 6)

Reduced Infiltration - Vestibule Requirement

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Introduction

The document summarizes proposed revisions to the California Energy Code (Title 24, Part 6) that will be discussed during a utility-sponsored stakeholder meeting on November 5, 2019. The Statewide Utility Codes and Standards Enhancement (CASE) Team is seeking input and feedback. To provide your comments, email info@title24stakeholders.com by November 19, 2019.

Measure Description

This submeasure requires vestibules to reduce air infiltration in main entryways of newly constructed hotels, retail, restaurants, super markets, airports, and other building types with high occupant turnover.

Draft Code Language

The proposed changes to the Standards and Reference Appendices are provided below. Changes to the 2019 documents are marked with red underlining (new language) and ~~strikethroughs~~ (deletions). Expected sections or tables of the proposed code (but not specific changes at this time) are highlighted in yellow.

SECTION 140.3 – PRESCRIPTIVE REQUIREMENTS FOR BUILDING ENVELOPES

A building complies with this section by being designed with and having constructed to meet all prescriptive requirements in Subsection (a) and the requirements of Subsection (c) and (d) where they apply.

(a) Envelope Component Requirements.

10. Vestibules. Building entrances, defined in 100.1 as any portal or doorway used to gain access to a building by its users or occupants, shall include an enclosed vestibule with the doors going into and out of the vestibules with self-closing devices. Enclosed vestibules are portals separating the exterior from the conditioned space of buildings and have multiple sets of doors, with at least one door leading into the conditioned space. Self-closing devices are capable of closing a door after it was been opened with no manual effort. When one person is passing through the vestibule, the vestibule shall be designed so that the entry and exit doors are not opened at the same time. The floor area of the vestibule shall not exceed 50 ft² or 2% of the conditioned floor area of that floor of the building, whichever is greater.

Exceptions to 140.3(a)10. Include:

- a. Entrances with a revolving door.



- b. Doors not intended to be used as an entrance.
- c. Doors that lead to a space less than 3000 ft² in area and is separate from the building entrance.
- d. Doors that open directly from a dwelling unit.