

DOCKETED

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Project Title:	Amendments to the Title 20 Appliance Efficiency Regulations Rulemaking
TN #:	235923
Document Title:	Presentation - Public Hearing for 2020 Repeal of Self-Contained Lighting Controls - December 3, 2020
Description:	Presentation Slides used for the December 3, 2020 Public Hearing regarding the 2020 Repeal of Self-Contained Lighting Controls and Other Amendments Rulemaking
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California Energy Commission

Public Hearing for the 2020 Repeal of Self-Contained Lighting Controls and Other Amendments
Rulemaking (Docket 20-AAER-01)

Carlos Baez & Corrine Fishman

December 3, 2020



Participation

- Public Hearing is online only due to COVID-19 public health order
- Pursuant to California Administrative Procedure Act, Government Code §11346.8
- Copies of the Initial Statement of Reasons, Notice of Proposed Action, Proposed Text, and Documents Incorporated by Reference are available for review on the CEC website, [Docket 20-AAER-01](#)
- Public comment on proposed regulatory language
- No decisions will be made
- This public hearing is being recorded by a court reporter, and on Zoom
- All statements today become part of the public record



House-Keeping Rules

- All lines are muted
- Comments will be taken at the end of the presentation
- For general clarifying questions, type your question in the Q&A section
- To comment – “raise hand” to speak
 - Online: Raise your hand, host will give you the ability to speak, then caller must push unmute
 - Cell phone: Raise your hand by pushing *9, host will give you the ability to speak, then caller must push *6 to mute and unmute
- State your name and affiliation when speaking



Agenda

1. Overview of main proposed changes in this rulemaking
2. Rulemaking timeline
3. Receive comments (oral)



Rulemaking "2020 Repeal of Self-Contained Lighting Controls and Other Amendments "



Rulemaking Overview

- Rulemaking includes several types of amendments to the Title 20 Appliance Efficiency Regulations
- Covers Sections 1601 through 1607
- Proposed changes do NOT include:
 - New energy/water efficiency standards
 - New testing or marking requirements
 - Changes to general certification process (certification to Modernized Appliance Efficiency Database System (MAEDbS))



Proposed Changes

- Repeal of “self-contained lighting controls” as a regulated appliance
- Removal of outdated minimum lumen output requirement for portable luminaires
- Updates to data submittal requirements (Table X) for certain appliances
- Updates to reflect current federal law
- Other miscellaneous changes to improve the readability of the Title 20 regulations



Self-Contained Lighting Controls

- Proposing to remove this appliance type from the scope of Title 20 Regulations
- Removal of all:
 - Definitions
 - Energy performance/design standards
 - Testing, marking, and certification requirements related to this appliance
- Lighting controls are covered under the 2019 Title 24 Building Energy Efficiency Standards (Section 110.9)
 - Dual regulation under Title 20 is not needed
- This appliance will no longer have to comply with Title 20 or be certified to MAEDbS in order to be sold or offered for sale in California



Portable Luminaires

- Proposing to remove the minimum “light output” requirement for LED luminaires (Table N-3 in Section 1605.3(n)(3)(A))
 - Current requirement: light output must be 200 lumens or greater
- Requirement causes some products to produce more light than necessary (increased energy use) in some applications where less light is appropriate (ex: directional reading lamps)
- This specific requirement was intended to be removed as part of rulemaking for LED bulbs that was adopted January 2016 ([Docket #15-AAER-06](#))



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Portable Luminaires Cont.

Table N-3
Minimum Requirements for Portable LED Luminaires,
and Portable Luminaires with LED Light Engines with Integral Heat Sink

<i>Criteria</i>	<i>Requirement</i>
Light Output	≥ 200 lumens (initial)
Minimum LED Luminaire Efficacy	29 lumens/W
Minimum LED Light Engine Efficacy	40 lumens/W
Correlated Color Temperature (CCT)	2700K through 5000K
Minimum Color Rendering Index (CRI)	75
Power Factor (for luminaires labeled or sold for residential use)	≥ 0.70



Data Submittal Updates

- Table X (in Section 1606) lists all required data needed for certification to MAEDbS for each appliance
- Changes include adding, removing, or modifying specific data fields for certain appliances
- Changes are necessary to align with the standards and/or testing requirements that are currently in effect



Data Submittal Updates Cont.

- Ex: Ceiling fans
 - New federal standards went into effect January 21, 2020

Ceiling Fans	*Ceiling fan type (required for models manufactured on or after January 21, 2020 only)	High-speed small-diameter (HSSD), hugger, large diameter, standard, very small-diameter (VSD)
	<u>Diameter (inches)</u>	
	CFM (low, <u>medium</u> , high)	
	Watts (low, <u>medium</u> , high)	
	Efficacy (low, <u>medium</u> , high) [CFM/watt] (required for models manufactured before January 21, 2020 only)	
	Efficiency (CFM/Watt) (required for models manufactured on or after January 21, 2020 only)	
	Fan speed controls separate from light controls	True, false



Federal Updates

- When requirements from the Department of Energy (DOE) go into effect, they are in effect nationally, regardless if they are shown in Title 20
- Incorporating federal requirements into Title 20 requires rulemakings
- Changes involve updates to certain federally regulated appliances to match DOE

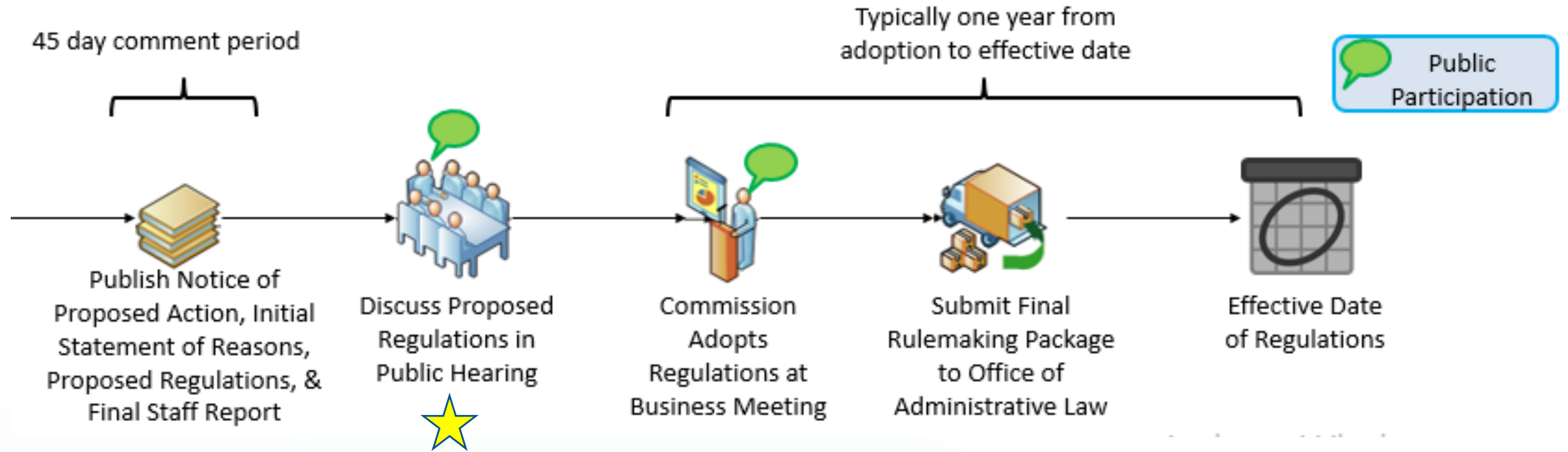


Other Changes

- Clarification edits
- Numbering/cross-reference updates
- Typo fixes
- Other edits to ensure consistent formatting and terminology throughout Title 20



Rulemaking Timeline



- 45-Day comment period ended November 23, 2020
- CEC Business Meeting – December 9, 2020



Contact Information

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Docket 20-AAER-01



Comments?

