

DOCKETED

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STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

**The Voluntary California Quality Lamp
Specification for Light-Emitting Diode
Replacement Lamps, Version 3.0**

Docket No. 16-AAER-04

RESOLUTION APPROVING VERSION 3.0
OF THE VOLUNTARY CALIFORNIA QUALITY LAMP SPECIFICATION
FOR LED REPLACEMENT LAMPS

I. INTRODUCTION

The California Energy Commission (Energy Commission) hereby approves Version 3.0 of the Voluntary California Quality Lamp Specification for Light-Emitting Diode (LED) Replacement Lamps (Specification). In 2012, the Energy Commission adopted Version 1.0 of the Specification based upon ENERGY STAR® Product Specification for Lamps 1.0, draft version 2. In 2014, the Energy Commission adopted Version 2.0 of the Specification, which aligned with ENERGY STAR® Product Specification for Lamps, version 1.1. This update (Version 3.0 of the Specification) aligns with the Energy Commission's upcoming appliance efficiency standards for state-regulated LED lamps, which are contained in Title 20 of the California Code of Regulations, Section 1601 et seq., and will go into effect on January 1, 2018. The purpose of adopting Version 3.0 of the Specification is to continue driving the market towards higher quality products and preparing the market for the upcoming appliance efficiency regulations for state-regulated LED lamps.

II. BACKGROUND

Energy Commission staff started working on the initial version (Version 1.0) of the Specification in 2012 to help utilities, the lighting industry, and consumers determine the appropriate level of performance necessary for LED lighting products to meet or exceed consumer expectations for general purpose lighting in residences. Because

LED lamps can achieve similar performance to incandescent lamps while using a fraction of the power, LED lamps present a significant opportunity to reduce energy consumption from lighting. However, many California consumers have continued to purchase halogen products or compact fluorescent lamps to replace burned-out light bulbs.

Version 1.0 of the Specification took effect in December 2012. The requirements for Version 1.0 of the Specification aligned with the ENERGY STAR® Version 1.0 specifications, with the exception of the requirements for color, dimmability, light distribution, and warranty.

In November 2014, the Energy Commission published Version 2.0 of the Specification, which aligned with ENERGY STAR® Version 1.1, with the exception of the requirements for color, dimmability, and warranty.

In January 2016, the Energy Commission adopted appliance efficiency standards for state-regulated LED lamps. (Cal. Code Regs., tit. 20, § 1601 et seq.) The appliance efficiency standards will apply to any covered lamp that is sold or offered for sale in California on or after January 1, 2018. These mandatory standards will set minimum performance and efficacy requirements for state-regulated LED lamps to ensure that consumers receive a product that performs as expected while driving efficacy improvements in these products generally.

The Energy Commission wants to prepare the market for the upcoming appliance efficiency standards for state-regulated LED lamps by encouraging voluntary “early adoption” of these standards. The Energy Commission also wants to continue its effort to drive the market towards higher quality LED lamps. Therefore, Version 3.0 of the Specification aligns with the upcoming appliance efficiency standards for state-regulated LED lamps contained in Title 20 of the California Code of Regulations, Section 1601 et seq.

III. CALIFORNIA ENVIRONMENTAL QUALITY ACT

The California Environmental Quality Act (CEQA) requires that state agencies consider the environmental impact of their discretionary decisions. The Energy Commission finds that the Specification is a “project” under CEQA.

CEQA only applies to projects that have the potential for causing a significant effect on the environment. (Cal. Codes Regs., tit. 14, § 15061(b)(3).) Under the “common sense” exemption, projects are not subject to CEQA if “it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment.” (*Ibid.*) A significant effect on the environment is defined as a substantial, or a potentially substantial, adverse change in the environment, and does not include an economic or social change by itself. (Pub. Resources Code, § 21068; Cal. Code Regs., tit. 14, § 15382.)

There is no possibility that the adoption of Version 3.0 of the Specification will have a significant effect on the environment because it is a voluntary standard containing no legal obligations. Therefore, Version 3.0 of the Specification is not subject to CEQA because of the “common sense” exemption. (Cal. Codes Regs., tit. 14, § 15061(b)(3).)

IV. ACTION TAKEN

After considering the entire record, the Energy Commission approves Version 3.0 of the Voluntary California Quality Lamp Specification for Light-Emitting Diode Replacement Lamps. The Energy Commission also orders the Executive Director to make any necessary non-substantive changes to the Specification for publication; to send the final published version to the Governor, the Legislature, the California Public Utilities Commission, and other public agencies; and to make the final published version available to the public, as required by law.

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the California Energy Commission held on December 14, 2016.

AYE: Weisenmiller, Douglas, McAllister, Hochschild, Scott

NAY: None

ABSENT: None

ABSTAIN: None



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Secretariat