

State of California



Memorandum

Date: August 13, 2019

To: Cassie Cuaresma, SCE

CC: Henry Liu, PGE; Ed Reynoso, SDGE;

From: Peter Biermayer - Utilities Engineer, Industrial/ Agricultural Programs and Portfolio Forecasting Section, Energy Efficiency Branch, Energy Division, CPUC

Subject: Disposition Approving Southern California Edison's LED High or Low Bay Workpaper, SWLG011-01

1. Direction Summary

The CPUC approves Southern California Edison's LED High or Low Bay workpaper, SWLG011-01. This workpaper is a Phase 1 submission for 2020 and the workpaper will become effective on 01/01/2020 with an expiration date of 12/31/2020.

2. Workpaper Summary

This workpaper supports the normal replacement of LED fixtures with more efficient LED fixtures and is substantially similar to the previously approved PG&E workpaper PGECOLG178. This workpaper uses the same measure categories as the PG&E workpaper predecessor (i.e. same lumen bins with same efficacy requirements) and where TLEDs are included in the baseline, they assume a 111 lm/W efficacy, as was previously approved via disposition and consistent with proposed DEER Resolution E-5009. The main update from the PG&E workpaper predecessor is a move to an all-LED baseline (the PG&E paper had a partial fluorescent baseline in some measures). This update results in an average decrease in delta watts of 2W (or 8%) across all measures with an associated decrease in annual energy savings. Ex Ante team's review found operating hours and interactive effects for all impacts were taken from the most applicable and updated DEER data and that all relevant cost and energy savings calculations were accurate.

The workpaper is in conformance with previous direction, including E4952 (October 2018) and with the draft DEER Update Resolution E-5009.