

CALIFORNIA ENERGY COMMISSION

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Staff Supplement to CASE Report #

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Subject: Nonresidential Lighting: Indoor LPDs, 2016-NR-LTG1-F

California Energy Commission

DOCKETED

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DESCRIPTION OF PROPOSED REGULATORY CHANGES

CASE report #2016-NR-LTG1-F, Nonresidential Lighting: Indoor LPDs, proposes to make the following changes to the Standards:

- Reduce the indoor lighting power density values to the values comparable to the level presented in ASHARE 90.1-2013, where they are proven cost effective.
- Reduce the indoor lighting power density values in Table 140.6-B, 140.6-C and 140.6-G to values comparable to the levels presented in ASHARE 90.1-2013, for applications where they are proven cost effective.

Staff agrees with the proposed changes to Section 140.6, and have incorporated substantively similar changes into the proposed Express Terms.

STAFF ANALYSIS AND CONCLUSION

Staff has analyzed the submitted CASE report and reached the following conclusions for the measures included in the Express Terms:

- Based on the evidence presented in the CASE Report, the measures, as proposed, appear to be cost effective and the author appears to have appropriately followed the Energy Commission's Life Cycle Cost methodology.
- Measure costs premiums presented in the CASE Report appear reasonable and appropriate for the measure proposed.
- Measure energy savings presented in the CASE Report appear to have been appropriately modeled and appear credible.
- Measure environmental impacts presented in the CASE Report appear reasonable and appropriate for the measure proposed.