

DOCKETED

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Description:	Staff Supplement to CASE Report #2019-RES-ENV4-F by Michael Shewmaker.
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***Staff Supplement to CASE Report #2019-RES-ENV4-F***

Date: 2017-10-12

Pages: 2

Author: Michael Shewmaker

Subject: Quality Insulation Installation, 2019-RES-ENV4-F

DESCRIPTION OF PROPOSED REGULATORY CHANGES

CASE report #2019-RES-ENV4-F, titled Quality Insulation Installation, proposes to make the following changes to the Standards:

- Add a new prescriptive requirement for quality insulation installation in Section 150.1(c)1E, TABLE 150.1-A, and Section 150.2(a)1Bv. This requirement would apply to all newly constructed residential buildings and additions greater than 700 ft² with the exception of low-rise multifamily buildings in climate zone 7.
- Update TABLE RA2-1 to reflect that quality insulation installation will go from being performance compliance credit to a prescriptive requirement.
- Clarify RA3.5 relating to QII, and add protocols for the verification of below deck insulation.

Staff agrees with the proposed changes to Section(s) 150.1(c)1E, 150.2(a)1Bv, TABLE RA2-1 and RA3.5, 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.