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***Staff Supplement to California Statewide Codes and Standards  
Enhancement (CASE) Team Measure Proposal Refrigeration***

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**Date: March 28, 2024**

**Pages: 1**

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**Description of Proposed Regulatory Changes**

The measure change proposal submitted by CASE team and titled “Refrigeration” proposes to make the following changes to the 2025 Standards:

- Add mandatory minimum specific efficiency requirements between 25 Btuh/Watt and 50 Btuh/Watt for fan-powered evaporators serving refrigerated warehouses. The minimum required specific efficiency is dependent on if the evaporator type is direct expansion or liquid overfeed, if the evaporator is used for cooling or freezing, and the type of refrigerant used.

Staff agrees with the proposed changes to Section(s) 120.6(a)3 and have incorporated substantively similar changes into the proposed 2025 Express Terms.

**Staff Analysis and Conclusion**

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

- Based on the evidence presented in the proposal, the measures, as proposed, are cost effective and the author appropriately followed the Energy Commission’s Life Cycle Cost methodology.
- Measure costs premiums presented in the proposal are reasonable and appropriate for the measure proposed.
- Measure energy savings presented in the proposal have been appropriately modeled.
- Measure environmental impacts presented in the proposal are reasonable and appropriate for the measure proposed.