

**DOCKETED**

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<b>Project Title:</b>	Applications for Local Ordinances Exceeding the 2025 Energy Code
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<b>Document Title:</b>	City of Santa Cruz demonstration of cost-effectiveness
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# Nonresidential AC to Heat Pump

## Referenced Study

Title: [2025 Nonresidential Alterations: Reach Code Study](#)

Prepared for: Amy Discher, Southern California Edison

Backup Data: [Nonresidential AC to HP Study Data](#)

Prepared by: TRC Companies

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## Proposed Requirements

The ordinance requires that projects in existing nonresidential occupancies involving replacement or alteration of an existing air conditioning system or installation of a new air conditioning system must either include a heat pump space conditioner as the primary heating system or install specific energy efficiency measures.

## Cost-Effectiveness Results

Cost effectiveness results are summarized for packaged roof replacements with both single-zone AC (SZAC) and single zone heat pump (SZHP) units are summarized by building type (small office and medium retail), and by building vintage (1980s, 1990s, 2000s) in sections 5.1.2 on page 27, 5.1.3 on page 28, section 5.2.2 on page 30, and section 5.2.3 on page 31. Each replacement option for SZAC and SZHP includes measure packages. Summaries across both building types are depicted in Tables 17 and 18 and show the cost-effective SZHP package as well as the energy equivalence SZAC pathway.