



# Item 7: Lincus, Inc.

January 21, 2025 Business Meeting

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# Solicitation Overview

- Demonstrate combined direct current (DC) HVAC, solar-PV, and energy storage module
- Eliminate or reduce building HVAC load during peak summer hours
- Streamline installation with factory-built module with no interconnection
- Reduce installation cost barriers
- Demonstrate efficiency



Source: CEC



# Benefit to Californians

- Reduce grid reliance for HVAC systems during peaks
- Replicable framework for widespread adoption
- Targets large market for packaged HVAC systems

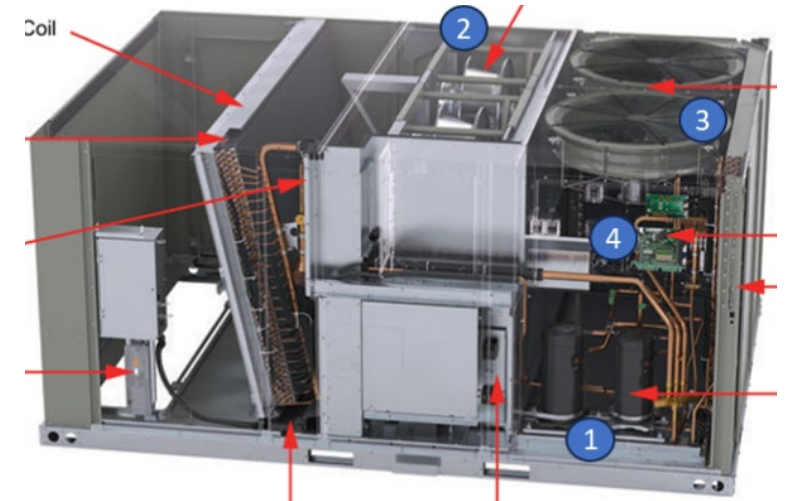


Source: CEC



# Overview

- Innovative integrated DC rooftop heat pump module
- Up to 12.5 ton DC-connected rooftop air conditioner/heat pump
- Thermal energy storage (ice tank)
- 20 kW on-site solar PV
- 40 kWh battery storage



Source: Lincus



# Staff Recommendation

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- Adopt staff's determination that this project is exempt from CEQA
- Approve Agreement EPC-24-033 with Lincus, Inc