

DOCKETED

Docket Number:	25-EPIC-01
Project Title:	Electric Program Investment Charge 2026–2030 Investment Plan (EPIC 5)
TN #:	265168
Document Title:	Redwood Energy Comments - Please invest in heat pumps for low-income households
Description:	N/A
Filer:	System
Organization:	Redwood Energy
Submitter Role:	Public
Submission Date:	7/30/2025 4:06:14 PM
Docketed Date:	7/30/2025

Comment Received From: Redwood Energy
Submitted On: 7/30/2025
Docket Number: 25-EPIC-01

Please invest in heat pumps for low-income households

Dear CEC team,

I have worked as an affordable housing developer (2005-2011) and Title 24, CUAC and electric MEP design consultant to affordable housing developers (2011-present) as the Managing Principal of Redwood Energy. We have supported more than 500 affordable housing developments, and I have co-created specifications with NYSERDA, NEEA, SMUD, PG&E and others for 120V heat pump water heaters; cold climate, 120V HVAC heat pumps; 120V induction stoves; and a commercial 15kW, 24" diameter induction wok. There is not enough EPIC funding for these initiatives, and others, that serve lower income households. HVAC is 3/4ths the cost of a whole home electrification at \$6k per ton, but DIY heat pumps install for \$2k per ton. Cheap 800W balcony solar that plugs into 120V outlets have sold 4M systems in Germany, but we have nothing UL listed in the U.S.

Thank you for reprioritizing apartment-scale solutions.

Sincerely, Sean Armstrong