

Multifamily Building Case Study



Eden Housing
Martinez, CA

COPPER

Thirty two apartments taken off cooking gas in two days

Eden Housing has a 32-unit multifamily property located in Martinez, CA. It purchased Charlie, Copper's battery-equipped induction range, for each apartment, qualifying this project for the 30% investment tax credit. The project was funded by California's Low-Income Weatherization Program and MCE's multifamily programs.

Each apartment service is rated for only 50 amps. Electrification with traditional induction ranges would have required prohibitively expensive electrical upgrades to all 32 apartments estimated at \$8,500 per unit.

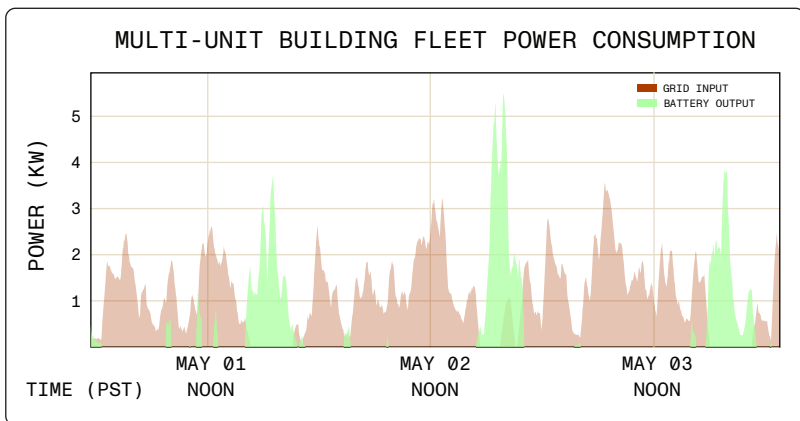
Our 30" ranges with cooktop and full-size oven plug into regular outlets, making electrification possible without expensive panel upgrades or rewiring. Small electric services are a common challenge in electrifying older buildings, which makes Copper's technology an ideal fit to save money and expedite electrification.

Even with different apartment layouts and a variety of existing stoves to remove, our team completed all 32 installations over two days.

Beyond faster and safer cooking, the stoves are designed to manage energy costs. We can program them to charge only when electricity rates are lowest, helping tenants save money while supporting a more reliable grid. Real-time energy data from each stove also lets us monitor performance and respond quickly to residents' questions.



Ranges staged for multi-unit one day installation



The graphic above represents our load shifting activity, showing our capabilities to program ranges to avoid charging during peak hours.

“Copper’s ranges have been the best and only option for electrifying our residents’ existing natural gas stoves.”

— Tom White, former director of building performance and sustainability, Eden Housing, Inc.



Range installation in progress

Contact us for any questions about how Copper can help you meet your environmental goals:

hello@copperhome.com

Thanks to the Association for Energy Affordability and Eden Housing for helping us bring this project to fruition and share this story.

Available incentives for kitchen electrification

In California IOU areas (PG&E, SDG&E, SCE)		
	Without Copper	With Copper
Muiltifamily building	\$2,700 per unit	\$5,700 per unit
Single family home	\$4,250	\$7,250

The California Energy Smart Homes program provides generous electrification incentives for building and homeowners in PG&E, SCE, and SDG&E areas. These incentive rates will remain the same through 2027.

Learn more about the program and how Charlie enables you to unlock additional incentives:
copperhome.com/CAincentives-multifamily



Across the U.S.		
	Without Copper	With Copper
Muiltifamily building	none	30% investment tax credit 40% tax credit for projects located within a Department of Energy defined energy community