

CASE STUDY

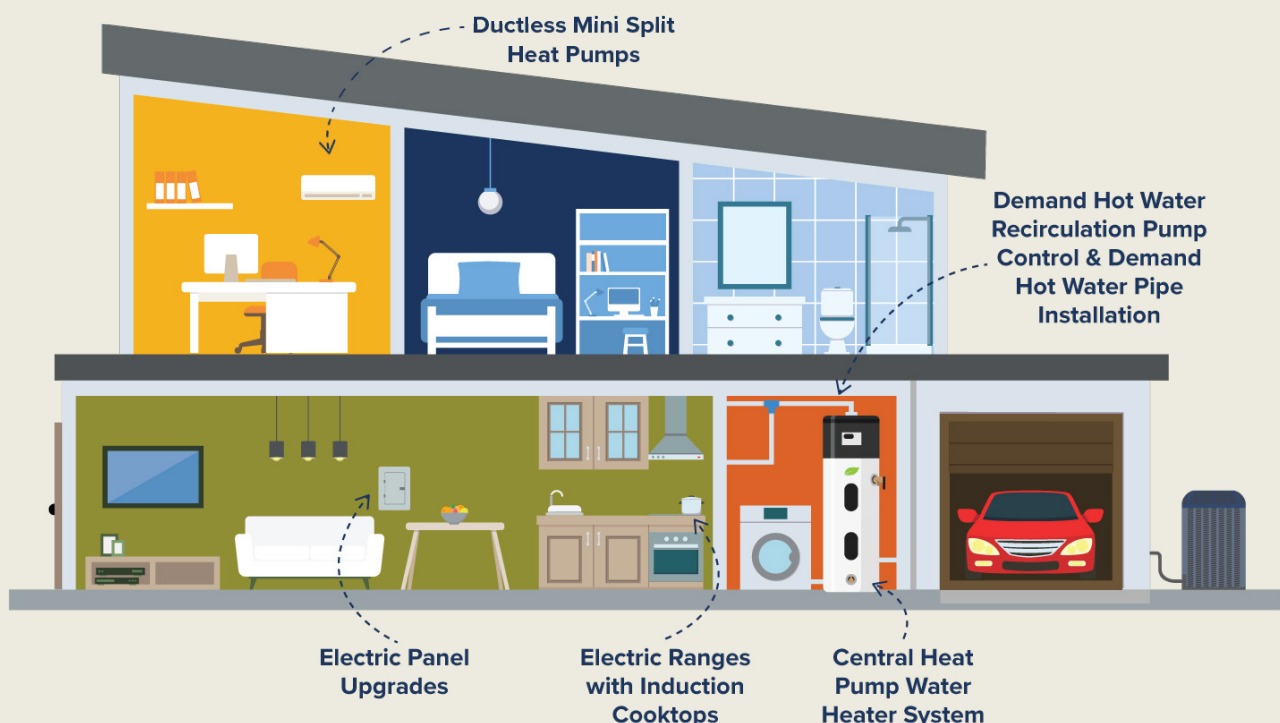
SANTA BARBARA PROPERTY GOES ALL-ELECTRIC

\$41,000 in rebates, 10 units upgraded

3C-REN's Multifamily Home Energy Savings Program (MHES) helped a 10-unit apartment building near downtown Santa Barbara save energy and money with energy efficiency upgrades at a reduced cost.

The owner of the property, concerned about the impacts his property has on both the environment and his tenants' health, participated in MHES to reduce energy usage and greenhouse gas emissions in their building. "My tenants are often young families, and the thought that appliances in my building might contribute to health issues was too much to handle," he said.

MHES provided no-cost technical assistance to find deep energy savings, and incentives to help make the upgrades affordable. Together, they developed a scope of work that focused on electrification and system improvements that would reduce emissions and energy bill costs for residents while making their living spaces more comfortable.



PROPERTY PROFILE

- Location: Oak Park neighborhood of Santa Barbara
- Number of Units: 10
- Number of Buildings: 1

UPGRADES INSTALLED

- Central Heat Pump Water Heater System
- Demand Hot Water Recirculation Pump Control
- Demand Hot Water Pipe Installation
- Ductless Mini Split Heat Pumps
- Electric Ranges with Induction Cooktops
- Electric Panel Upgrades

The owner of this property received \$1,500 per unit, plus additional rebates for installing high-performance heat pump equipment for a total of \$41,300 from the MHES program. The owner also installed rooftop solar separately, which complements the energy efficiency and electrification work done through MHES.

SAVINGS ESTIMATES AND RESULTS

- Total Rebate: **\$41,300**
- **\$2,676** in total annual energy cost savings
 - **\$2,144** in total annual cost savings for tenants (HVAC and Induction Stove)
 - **\$532** in total annual cost savings for owner (C-HPWH, Pipe Insulation, Recirculation Control; this does not include savings from solar PV system)
- **\$214** average annual tenant utility bill savings per unit
- **16.5** metric tons of CO2 saved annually

For more information about 3C-REN's Multifamily Home Energy Savings Program, visit: [3c-ren.org/multifamily](https://www.3c-ren.org/multifamily)

