

# WEATHERIZATION/ELECTRIFICATION TOGETHER



Combining home weatherization & electrification to make life better for low and moderate-income customers, the environment, and the electric grid.



## Utility Weatherization and Electrification Programs



LPEA helps fund Colorado's Affordable Residential Energy Program (CARE), which provides weatherization and energy efficiency rebates for income-qualified members. LPEA partners with Four Corners Office for Resource Efficiency to administer the program at no cost to members. Eligible upgrades may include insulation, refrigerators, LEDs, shower heads, air sealing, and qualifying furnaces and water heaters. LPEA also works with Habitat for Humanity to install electric appliances and has secured pilot funding to provide income-qualified members with grid-integrated air-source heat pump water heaters.

## ANZA ELECTRIC COOPERATIVE, Inc.

A Touchstone Energy® Cooperative 

Anza partnered with BEL to identify low- to moderate-income households that would benefit from AEC's "Electrify Anza!" program. The pilot project consisted of weatherizing and retrofitting two homes in rural Riverside County, CA. In addition to sealing windows and doors, Anza contractors removed propane-fueled water heaters and ovens in both houses, along with a propane furnace in one of the houses. Inefficient air conditioning units and space heaters were also removed. These appliances were replaced with high-efficiency electric appliances, including air source heat pumps in both houses.



RMLD recently launched an innovative combined heat pump and weatherization rebate program in Massachusetts. They structured the internally funded program to adapt existing state programs and customer segmentation. Key to the program's success is integrating the weatherization workflow with their already-running heat pump program, while presenting a single and straightforward application form to customers. They also target low-cost and high-impact weatherization measures for incentives, minimize additional in-person assessments for quality assurance, and leverage common vendors to keep the program lean.



Flint Energies and BEL partnered in 2022 to conduct the first-ever full electrification & weatherization home retrofit for a low-income household in Georgia. They also coordinated with the local CAP agency, Middle Georgia Community Action Agency. All parties worked together to facilitate and reassure the selected homeowner about the merits of the project, resulting in a full home energy audit and project scoping. Upon conclusion, the home retrofit featured substantial electrification upgrades, including a new HVAC heat pump, water heater, exhaust fan, and induction stove. It also featured weatherization improvements, including blown insulation in the attic, insulated duct work in the crawl space, and sealing of doors, windows and vents throughout the home.



MVEC recently launched a pilot program to explore the technological and financial feasibility of a deep home retrofit with electrification and weatherization program in their service territory. Their goal is to gather learnings from a small number of high-impact projects to inform their future plans. MVEC partnered with the Center for Energy and Environment (CEE) to manage the program, using AMI data to identify two members with electric heat, high energy burden, and low-income designations. CEE's field auditors then coordinated home energy audits, procured equipment, and oversaw the contractor network to complete the retrofits. Their preliminary results have already uncovered important lessons around workforce availability, technology feasibility, and programmatic challenges. MVEC and CEE are currently analyzing and verifying the measured energy and financial impacts of the projects, and they plan to leverage their findings to expand the program into 2024.