



Project highlights



153,681

kWh saved
annually



\$26,510

received
in rebates



\$18,134

saved annually

Energy upgrades and rebates power improvements at Casa de la Esperanza

Casa de la Esperanza is a 32-unit multifamily community in Longmont, CO managed by the Boulder County Housing Authority (BCHA). The property supports agricultural workers and their families and features an on-site community learning center that provides free educational programs. In 2025, BCHA signed up for Efficiency Works' free energy advising to identify energy efficiency opportunities and rebate-eligible upgrades across both resident units and common areas. An Efficiency Works energy advisor completed a free site assessment and delivered a clear, actionable report outlining recommended improvements. The advisor also managed the rebate application process on BCHA's behalf. Efficiency Works provided incentives for high-efficiency upgrades, including attic insulation, LED light fixtures and heat pump water heaters – and provided an additional \$7,800 in Community Efficiency Grant funding to support completion of capital projects.

"BCHA met with an Efficiency Works energy advisor to identify potential rebate opportunities as a part of a larger renovation project. This collaborative, hands-on approach helped maximize available incentives while remaining aligned with real-world construction conditions. The rebates secured through Efficiency Works provided meaningful cost savings and allowed BCHA to expand the overall scope of work, completing additional improvements that benefited residents, reduced energy use, and supported environmental goals. Rather than limiting the project, the partnership enabled BCHA to accomplish more within the available budget. BCHA worked with Efficiency Works on multiple projects in Longmont during the year and values the knowledge, responsiveness, and practical support provided throughout each project. Based on these experiences, BCHA plans to continue working with Efficiency Works on future capital improvement efforts to advance energy efficiency and sustainability objectives."

-Heather Dehner

Special Projects Coordinator
Boulder County Housing Authority (BCHA)

Project details

| Location | Existing equipment | New equipment | Rebate | Annual energy savings | Annual cost savings |
|---------------------------------|-----------------------------|----------------------------|----------|-----------------------|---------------------|
| Tenant units - water heaters | Natural gas water heaters | Heat pump water heaters | \$10,000 | 135,036 kWh | \$15,934 |
| Common area - exterior lighting | Incandescent scone fixtures | LED scone fixtures | \$3,400 | 2,681 kWh | \$316 |
| Common area - interior lighting | Fluorescent 2x4 troffers | LED flat panel fixtures | \$3,510 | 10,998 kWh | \$1,298 |
| Tenant units - attic insulation | R-10 fiberglass insulation | R-49 fiberglass insulation | \$9,600 | 4,966 kWh | \$586 |

Additional information and benefits

Attic insulation, lighting upgrades and heat pump water heaters:

- Improved visibility in exterior common areas by illuminating walking paths and entryways.
- Replaced high-wattage fixtures with modern LED fixtures in the community building, reducing maintenance costs and improving the overall appearance while adding value to the property.
- Replaced 33 gas water heaters with modern high efficiency heat pump water heaters, helping to improve heating efficiency and air quality for tenants.
- Retrofitted six buildings with additional attic insulation, providing more comfort to tenants and lower heating and cooling costs.



About Efficiency Works

Efficiency Works is a regional utility collaboration that provides guidance and resources to enable customers to use energy more effectively, work toward a noncarbon energy future and build strong, resilient communities for customers served by Platte River Power Authority and its owner communities of Estes Park, Fort Collins, Longmont and Loveland.

Visit EfficiencyWorks.org for more information.