



**ENERGY  
OUTREACH  
COLORADO**

*Together We Power Stability*

# ENERGY OUTREACH COLORADO (EOC)

## Company overview

**Established 1989**

**Mission:**

Energy Outreach Colorado leads a network of industry, state, and local partners to support, stabilize, and sustain Coloradans to afford their energy needs.

**Vision:**

All Coloradans can afford their energy needs.

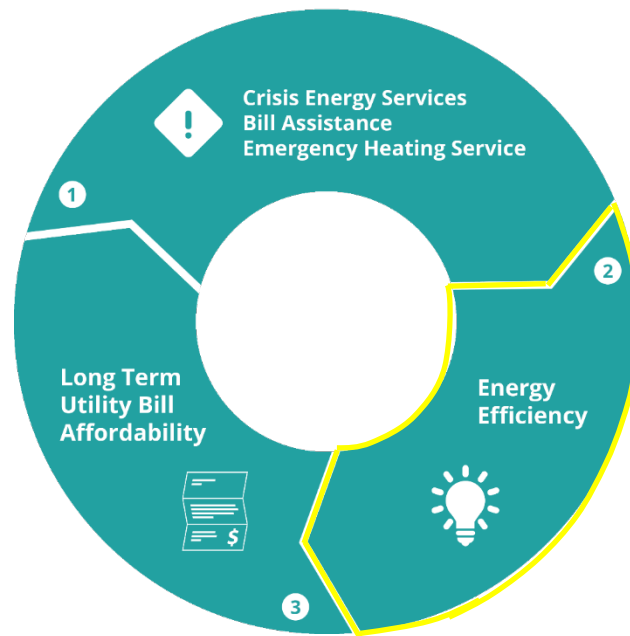


# EOC & RENEWABLE ENERGY

*A comprehensive approach*

## Strategic Foundation

- SUPPORT** ▶ Bill Assistance, Furnace Repair - Short Term
- STABILIZE** ▶ Energy Efficiency, Behavior Change - Mid Term
- SUSTAIN** ▶ Renewable Subscriptions, Advocacy - Long Term



# MULTIFAMILY ENERGY EFFICIENCY

## Why energy efficiency?

Lower utility bills

- Split incentive
- Lower any tenant paid utility costs = rent stabilization
- Lower common utility costs = lower operating costs

Lower CO2 emissions

Health and safety / indoor air quality

Improved comfort

Help offset scheduled maintenance & capital expenses



Manzanola



Meeker



# TWO EOC MULTIFAMILY PROGRAMS

## Multifamily Utility Rebate Program

- 67% of property is 80% AMI or less
- Participating utilities: Xcel electric, Xcel gas, Black Hills electric, Black Hills gas, Atmos gas, Platte River Power Authority (PRPA)
- Funding total varies broadly by property, technology and funder
- No application. 50 to 80 projects per year.
- In-house project management or extra funding for your existing project or rehab

## Multifamily Weatherization Assistance Program

- 67% of property is 200% FPL or less
- Property must be centrally heated
- Statewide – federally funded
- Application. 5 to 7 projects per year.
- Deep dive into whole building health and safety and energy efficiency.
- In-house project management
- **One more spot available for 2021 – application period open now**



# MULTIFAMILY WAP – CASE STUDY

## *Community Resources and Housing Development Corporation (CRHDC) – La Hacienda*

- Del Norte, CO
- Senior 62+, Disabled community
- 2 residential buildings + maintenance shop
- 24 single bedroom units
- 15,000 square feet
- Annual electric cost: \$9,500
- Annual gas cost: \$6,300



# MULTIFAMILY WAP – CASE STUDY

*Community Resources and Housing Development Corporation (CRHDC) – La Hacienda*

Third party DOE-2 energy audit examined cost effectiveness for:

- Lighting
- Space heating and domestic water boiler and pumps
- Cooling
- Refrigerators
- Insulation
- Low flow water fixtures
- Solar
- Indoor air quality
- Windows (rarely cost effective)





# MULTIFAMILY WAP – CASE STUDY

*Community Resources and Housing Development Corporation (CRHDC) – La Hacienda*

## Exterior, common area and in-unit lighting

Estimated 1<sup>st</sup> year savings = \$2,237

Old  
T8 and T12  
linear  
fluorescent  
lamps and  
ballast. 72w



New  
LED tubes  
and driver.  
30w





# MULTIFAMILY WAP – CASE STUDY

Community Resources and Housing Development Corporation (CRHDC) – La Hacienda

## Space Heating Boiler

Estimated 1<sup>st</sup> year savings = \$1,973

Old  
80% AFUE  
1984



New  
95% AFUE



# MULTIFAMILY WAP – CASE STUDY

*Community Resources and Housing Development Corporation (CRHDC) – La Hacienda*

## BY THE NUMBERS

- High efficiency space heating plant (4)
- High efficiency domestic water heater (2)
- Baseboard repair (750')
- Zone valve repair (29)
- Pipe insulation (70')
- NEST thermostats (24)
- Low flow water fixtures (74)
- Common area, exterior and in-unit lighting (168)
- In unit bath fan replacement (24)

**\$175,400 grant cost**

**100% of measures covered by grant**

**Estimated first year savings = \$5,191**

**32% reduction in total utility cost**

Casas de Rio Grande, Del Norte



# MULTIFAMILY UTILITY REBATE PROGRAM

## Overview

- 67% of property 80% AMI or less
- Participating electric utilities: Xcel electric, Black Hills electric, Platte River Power Authority (PRPA)
- Participating gas utilities: Xcel gas, Black Hills gas, Atmos gas, Colorado Natural Gas
- Does not need to be centrally heated
- Our work is included in your utility service
- Flexible approach and funding
- Rehab? Upgrading equipment? Maintenance need? Confused? Call us!





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# Questions?

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