



# 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.

# WE'RE HERE TO HELP!



## Support:



Bill Payment Assistance



Emergency Furnace Repair & Replacement

## Stabilize:



Energy Efficiency



Community Solar



Energy Education

## Sustain:



Advocacy

# ENERGY BURDEN IN COLORADO

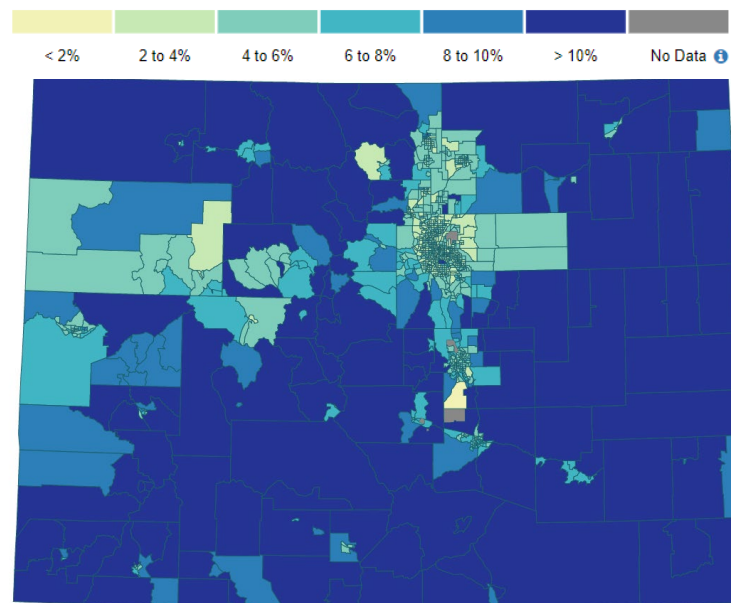
## Percent of income used to pay energy costs

- 1 in 4 Colorado families struggle with paying their home energy bills. Need continues to grow.
- Many cannot afford critical home repairs.
- As a result, families may be:
  - Spending a higher percent of their income on energy;
  - Going without food or medicine to pay an energy/water bill;
  - Living in unsafe conditions; and
  - Compromising their health.

# ENERGY BURDEN

- **Energy Burden:** % of income spent on home energy costs
- EOC Participants are suffering from **severe energy burden** (>10%) in numerous areas across the state
- In some counties, less than 5% of the income-qualified population is receiving assistance (LEAP, EOC)

Average Energy Burden by Census Tract, 0-80% AMI



# EOC BILL PAYMENT ASSISTANCE

## On Track for a Record-Setting Program Year

### 2022-23 Program Year

- 10/1/2022 – 9/30/2023
- Funding Sources: utility late payment fees, DOH ERA funds, HB21-1105 EASBC, EOC fundraising & reserves
- Average Income: **21% AMI**

### **2023-24 Program Year**

16,429 Participants so far

Program Year	# of Participants	\$ Assistance
2020-21 FY	21,747	\$11,894,439
2021-22 FY	23,265	\$13,123,552
2022-23 FY	28,398	\$21,135,745

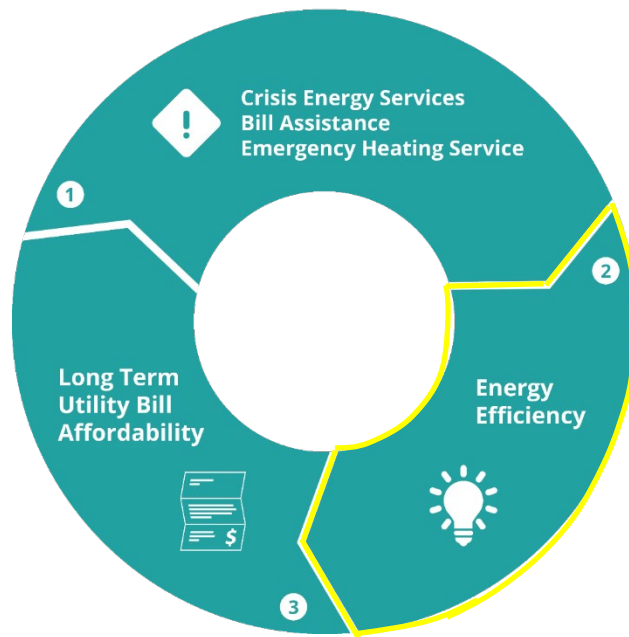
*2022-23 FYTD includes 10/1/2022 – 9/30/2023*

# EOC & ENERGY EFFICIENCY

*A comprehensive approach*

## Strategic Foundation

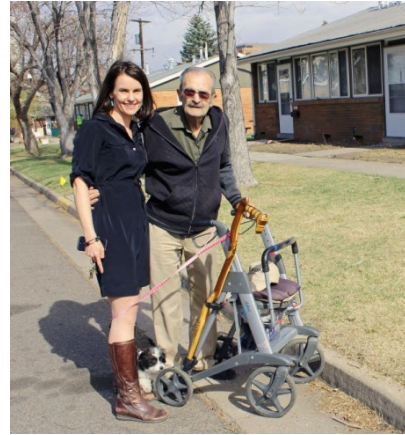
- SUPPORT** ► Bill Assistance, Furnace Repair - Short Term
- STABILIZE** ► Energy Efficiency, Behavior Change - Mid Term
- SUSTAIN** ► Renewable Subscriptions, Advocacy - Long Term



# HOW EOC REDUCES ENERGY CONSUMPTION

## Income-Qualified Energy Efficiency Programs

- Colorado Affordable Residential Energy Program (CARE)
- Healthy Homes Program
- Multifamily Affordable Housing Program
- Nonprofit Energy Efficiency Program (NEEP)
- Energy Education Programs
- Community Solar Garden (CSG) Subscriptions
- Investigating renewable energy and electrification options with partners and utilities
- Transportation Electrification engagement





# WHY ARE ENERGY EFFICIENCY PROGRAMS IMPORTANT?

## Benefits of Strong Income-Qualified Energy Programs

- Preserve Existing Affordable Housing
- Resiliency - Extreme Weather Events
- Energy Savings Contributing to Ability to Afford Other Needs
- Economic Stabilization
- Non-Energy Benefits
- Greater Control of Energy Costs
- GHG Reductions
- Improve Health and Stability of Families



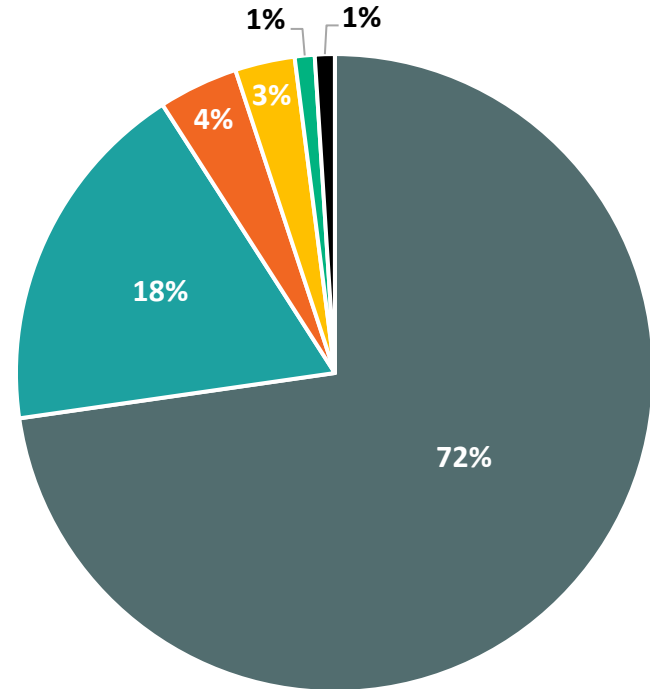
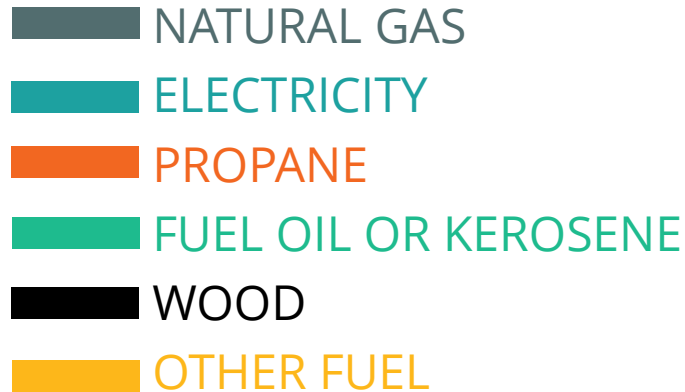
# EQUITY AND INCLUSION

- Commitment to Statewide Impact
- More resources dedicated to education
- Conducting focus groups with agencies and participants to determine what is working and what needs more support
- Enhanced commitment to data collection
- Development of Case Studies
- Internal organizational focus on DEI efforts

# EMERGING STRATEGIES

# PRIMARY HEATING BY FUEL TYPE

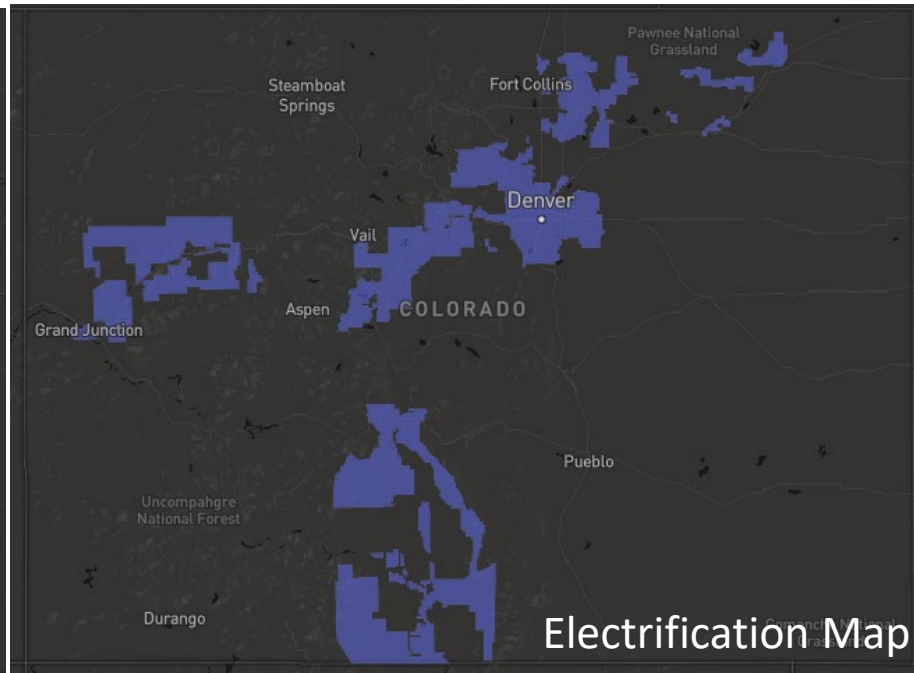
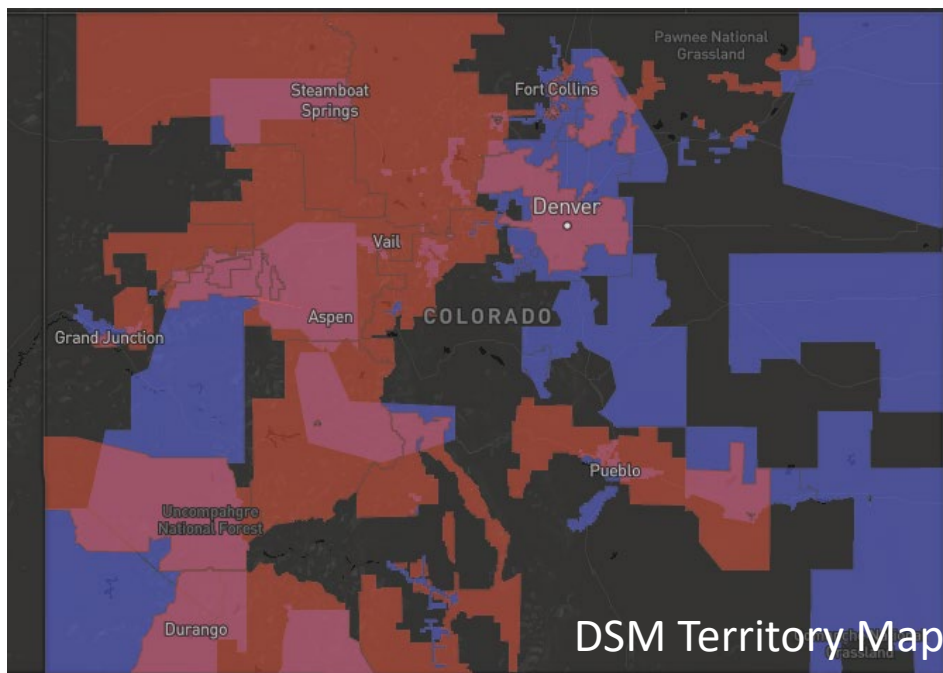
## Colorado Households



U.S. Census Bureau's American Community Survey (ACS) 2019

# STATEWIDE IMPACT

## DSM Territory vs Electrification Territory



# HEALTHY HOMES PROGRAM

- What is the Healthy Homes **Electrification** Program?
  - Participant focused from start to finish
  - Holistic Approach
  - Data Collection informs opportunities
  - Three-part assessment – Efficiency, **Electrification**, Healthy Homes
  - Customized Design
  - Community Solar Subscription
  - New Partnerships

# HEALTHY HOMES PROGRAM

## Measures Installed

- Air Sealing
- Weatherstripping
- Low Flow Fixtures
- LEDs
- Thermostat
- Cold Climate Heat Pump
- HP Hot Water Heater
- Electric Dryer
- Electrical Subpanel
- Induction Stove
- Induction Cookware
- Pest Control
- Mold Remediation
- Kitchen Range Hood
- Bathroom Exhaust Fan
- Carpet Removal
- LVP Flooring Install
- HEPA Vacuum

- (3) Air cleaners/purifiers
- Green Cleaning Supplies
- (1) Window replacement

Rebates Cover 15-30% of costs

**TOTAL: \$72,464.84**

Xcel Utility Rebates: \$11,186

CHFA funding: \$11,979.04

CASR funding: \$49,299.80

# WHAT IS COMMUNITY SOLAR?

Community Solar projects are large collections of solar panels that governments, businesses, and individuals may subscribe to.

Subscribers can be renters or homeowners and live in an apartment, mobile home, house, or condo – no equipment is installed on the home.

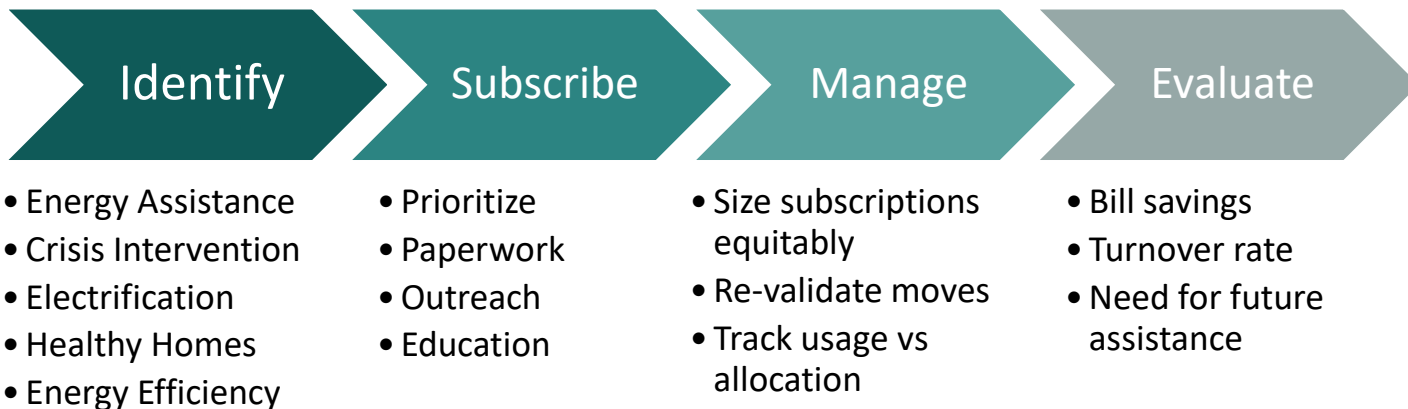




# COLORADO COMMUNITY SOLAR

## EOC's Role

- Approved low-income verifying organization for Xcel Energy & Black Hills Energy
- EOC is a low-income subscription manager for Community Solar Developers, including Xcel Energy's company-owned IQ CSG



# SOLAR PROGRAM IMPACT

We currently manage 7 MW-DC across 23 Active Gardens in two IOU territories.

About 1,000 current subscribers who have saved a collective \$1.5 Million.

# of Subscribers Managed by EOC - Currently Valid

Subscriber Type	Debtor # (distinct count)
Residential	995
Non-Profit	12
Totals (2 groups)	1007

Total Subscriber Savings - Current Subscribers

\$1,518,149

► UNCHANGED

Active kW Managed by EOC

7,055.5

► UNCHANGED

# of Gardens Managed

23

► UNCHANGED

Date: 04/01/2024



# SUBSCRIBER ACQUISITION & MANAGEMENT

## 7 MW-DC Managed, 70 MW-DC Planned

Fill and manage new gardens

- Subscriber Acquisition
  - Identify and qualify subscribers
  - Establish and manage waitlist
- Management
  - Enroll in Garden/Utility Portal
  - Manage Capacity in Utility Portal
- Generate Reports and Documentation
- Outreach & Subscriber Education



# WHAT CAN YOU DO TO HELP?

## Spread the word!

- Visit [www.EnergyOutreach.org](http://www.EnergyOutreach.org)
  - Connect individuals and organizations to our programs
  - 1-866-HEATHELP connects to the year-round call center
- Read your utility bill; access your online portal; educate yourself about your usage and available utility programs
- Visit <https://puc.colorado.gov/> to learn more about Energy Equity programs in Colorado
- Visit <https://www.theequityfund.org/colorado> to learn more about Colorado's Climate and Clean Energy Equity Fund



# OTHER ORGANIZATIONS

## Doing important Energy Equity work

- **EOC's Key Partners**
  - Energy Resource Center and other weatherization agencies
  - Groundwork Denver
  - Mile High Youth Corps
  - Grid Alternatives
- **Environmental Justice Organizations**
  - GreenLatinos
  - Womxn From the Mountain
  - Solar United Neighbors





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