



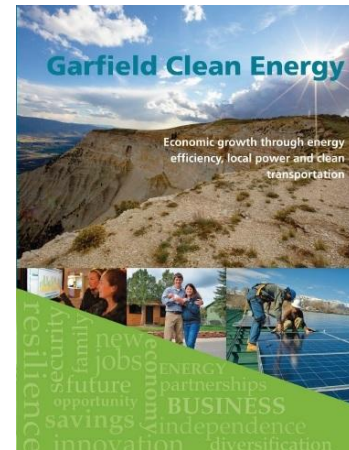
Garfield Clean Energy

Programs update and 2025 outlook

Mayor Ingrid Wussow, Jason White,
Morgan Hill, and Christina Matzl

October 21, 2024

Background on Garfield Clean Energy (GCE)



- Established first as advisory board under the County in 2009; became a government Collaborative in 2012
- Garfield County was a founding GCE member
- Clean Energy Economy for the Region (CLEER) manages programs under contract

Garfield Clean Energy membership

- 9 member governments
 - Garfield County
 - City of Rifle
 - City of Glenwood Springs
 - Town of Carbondale
 - Town of New Castle
 - Town of Silt
 - Town of Parachute
 - Colorado Mountain College (CMC)
 - Roaring Fork Transportation Authority (RFTA)
- Affiliate members:
 - Holy Cross Energy and the Garfield County Public Library District

Garfield Clean Energy Vision

Garfield Clean Energy will be an innovative leader in advancing energy efficiency, renewable energy, and clean transportation to protect the environment and build a strong, resilient and diverse economy.



Key areas of focus

- Energy efficiency - saving homes, businesses, governments on energy expenses
- Locally-produced clean energy
- Clean mobility and transportation
- Economic benefits and economic diversification

Residential and commercial energy programs

Garfield County residents, businesses, and commercial property owners can receive free energy coaching through GCE.

- Biggest bang-for-the-buck energy saving measures
- Available rebates and other financing options
- Recommendations on appliances
- Contractor lists



ReEnergize Garfield County



- Income-qualified residential energy efficiency program up to 150% area median income (AMI)
- Provides rebates from \$2,000-\$4,000
- Installations performed by Northwest Colorado Council of Governments (NWCCOG)
- Projects include
 - Insulation & air sealing
 - Pipe & duct wrapping
 - Heating/cooling system upgrade
 - LED lighting

ReEnergize Garfield County

Community	Homes qualified to date	2022-2023 ReEnergize funding allocated	2024 ReEnergize funding allocated to-date
Parachute / Battlement	27	\$49,701	\$4,000
Rifle	31	\$47,896	\$20,000
Silt	20	\$31,540	\$11,000
New Castle	41	\$45,114	\$37,000
Glenwood Springs*	38	\$44,977	\$29,000
Carbondale	31	\$35,928	\$13,000
Countywide total	140	\$255,156	\$114,000

GCE has saved Garfield County residents **\$84,600** annually on utility bills through ReEnergize upgrades since 2022

ReEnergize stories from the field

- 4 Mile townhome with multiple upgrades
 - Annual energy savings=\$1,625
- Duct insulation in crawl space
 - Annual energy savings=\$792
- Mini-split heat pump installation
 - Annual energy savings=\$1,813



Accessing residential energy efficiency resources

- Contact our energy coaches at CLEER at (970) 704-9200 or visit garfieldcleanenergy.org/res-buildings
- Access to ReEnergize program information and application can be found at garfieldcleanenergy.org/reenergize



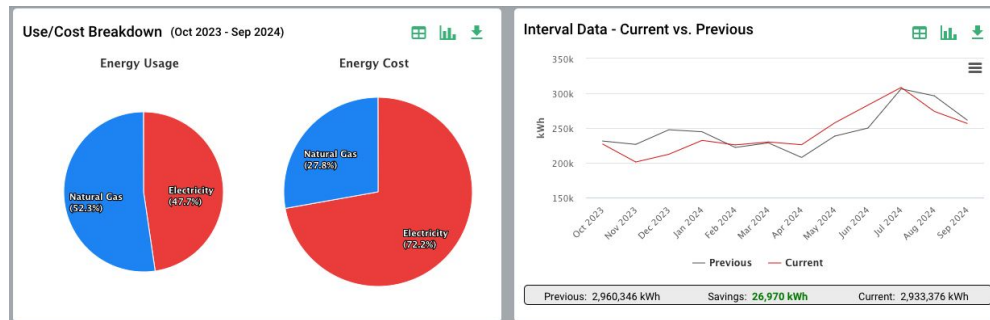
Commercial Program



- Free energy consulting services to businesses and commercial property owners interested in improving efficiency
- Includes a detailed walkthrough
- Anyone interested can reach out to us at info@garfieldcleanenergy.org
- Or complete the form here <https://garfieldcleanenergy.org/com-form/>

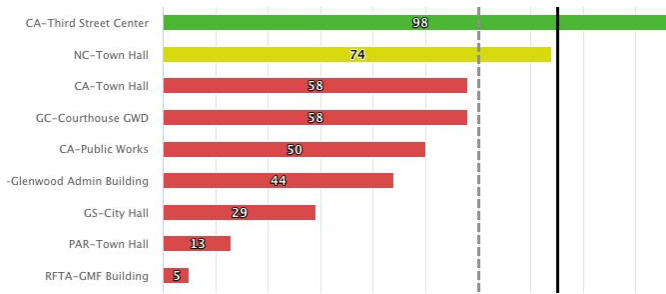
Garfield County: Advanced Energy Management

Advanced Energy Management (AEM): Utilizes both monthly energy invoice data and near real-time electricity data to continuously monitor energy use at both commercial buildings and municipal facilities.



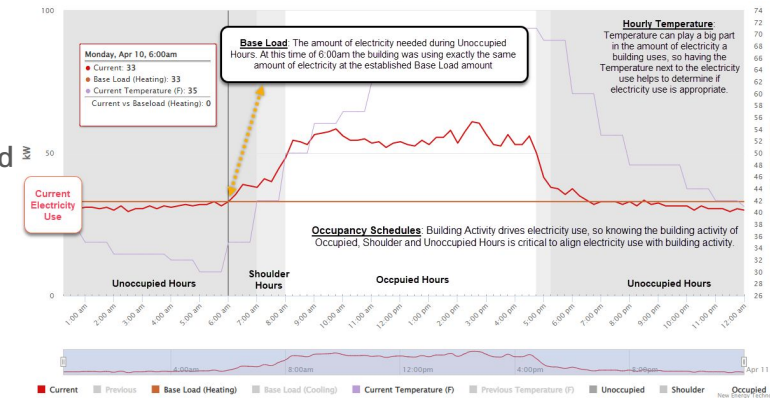
AEM Services: Utility bill tracking and analysis

- Tracking utility bills for 13 Garfield County buildings
- County buildings are recorded in Portfolio Manager for benchmarking
- Facility managers are provided with Quarterly reports to update progress



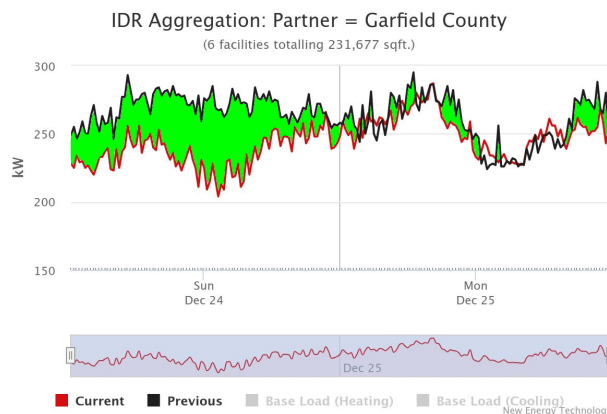
AEM: Interval Data

Use this data, combined with utility bills, to provide weekly and monthly reports, and to identify opportunities for saving energy and money.



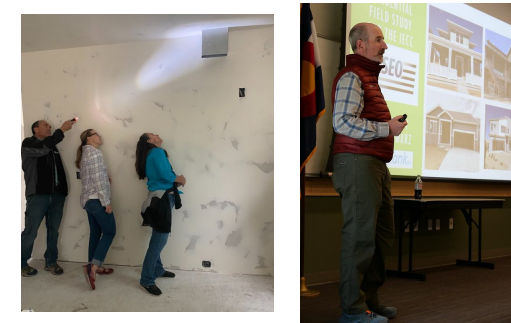
Holiday shutdown successes

- Christmas 2023, Garfield County buildings successfully reduced energy use over 2022
- Buildings reduced about 1,000 kWh or \$100, over the two days
- All GCE buildings totalled saved 3,000 kWh, or \$300.



Energy code adoption and implementation

- Provided energy code adoption and implementation support for both local government staff and developers
- Hosted training series in May and June



Clean transportation

- EV charging infrastructure grant assistance
- Countywide EV Readiness plan
- Charge Ahead Colorado and EV Fast-Charging Plazas
- Fleet support
- EV Ride and Drives
- Workshops in Spanish



Clean transportation

- 50 e-bikes provided to income-qualified Garfield County residents in 2024
- 240 attendees at BikeThere



Events and outreach

- Earth Day 2024
- WinterWise energy efficiency campaign
- Monthly GCE newsletter
- Lodging workshop Oct 24



What's ahead in 2025

- Continuing to build and grow residential and commercial energy efficiency programs
- Implementation of EV Readiness plan
- Transportation Management Organization (TMO) development
- Optimization of state and federal resources
- Enhanced advanced energy management coaching
- Support for renewable energy projects
- Economic and workforce development

Thank you Garfield County

GCE countywide collaborative programs would not have been possible without Garfield County's ongoing participation.

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