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**Town of New Castle**

450 W. Main Street  
PO Box 90  
New Castle, CO 81647

**Administration Department**

**Phone:** (970) 984-2311

**Fax:** (970) 984-2716

[www.newcastlecolorado.org](http://www.newcastlecolorado.org)

**Agenda**

**New Castle Town Council Work Session**

**Tuesday, October 15, 2024, 6:15 PM**

[Virtual Meetings are subject to internet and technical capabilities.](#)

[To join by computer, smart phone or tablet:](#)

<https://us02web.zoom.us/j/7096588400>

[If you prefer to telephone in:](#)

[Please call: 1-346-248-7799](tel:1-346-248-7799)

[Meeting ID: 709 658 8400](#)

[Follow the prompts as directed. Be sure to set your phone to mute until called on](#)

- a. Presentation – River Bridge – Mary Cloud – Development Director
- b. Update – Garfield Clean Energy (GCE) – Morgan Hill



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### Memorandum

**To:** Mayor & Council  
**From:** David Reynolds  
**Re:** Council Workshop Agenda: Update from *River Bridge*  
**Date:** 10/15/24

**Purpose:**

The purpose of this workshop discussion is to allow time for Mary Cloud, the Development & Outreach Director from River Bridge Regional Center, to update Town Council on the work that is being done in our area to serve children and families in our area.

**River Bridge Regional Center** serves New Castle by providing crucial services for children and families impacted by abuse or trauma. Through forensic interviews and therapeutic support, the organization helps ensure that local children receive the care and protection they need while working closely with local law enforcement and community agencies.



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### Memorandum

**To:** Mayor & Council  
**From:** David Reynolds  
**Re:** Council Workshop Agenda: Update from *Garfield Clean Energy*  
**Date:** 10/15/24

**Purpose:**

The purpose of this workshop discussion is to allow time for Morgan Hill from Garfield Clean Energy to update Town Council on the work that is being done in our area to achieve their goals of saving energy in the built environment, encourage the use of carbon free electricity, reducing vehicle emissions, reducing greenhouse emissions, and work toward a clean energy economy.

**Garfield Clean Energy** helps New Castle residents and businesses reduce their energy consumption and transition to renewable energy sources. By offering energy audits, rebates, and technical assistance, the organization contributes to the town's sustainability efforts and supports long-term cost savings for the community.



# Garfield Clean Energy

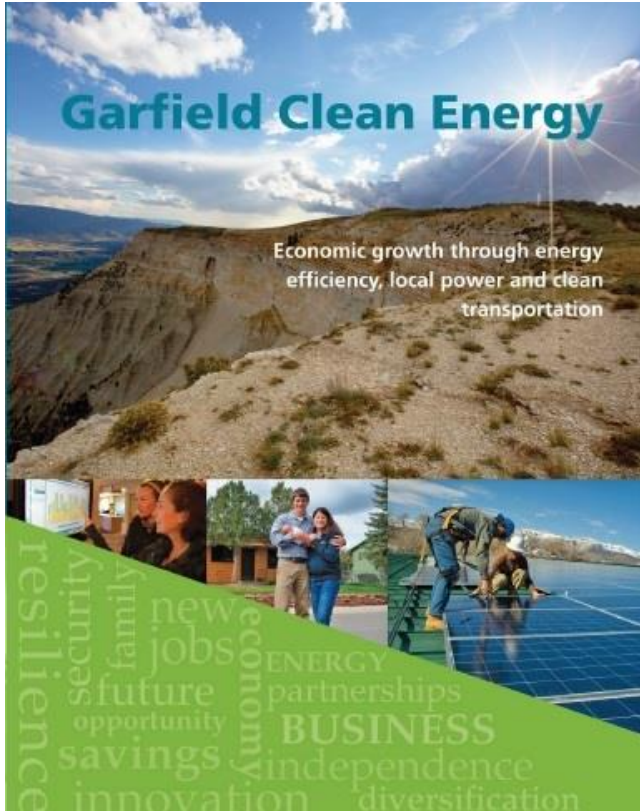
Programs update and 2025 plans

Morgan Hill and Christina Matzl

Clean Energy Economy for the Region (CLEER)

October 15, 2025

# Background on Garfield Clean Energy (GCE)



- 9 Member Governments
- Holy Cross Energy and Garfield County Libraries are affiliate members
- Established first as advisory board under the County in 2009; became a government Collaborative in 2012
- Town of New Castle was a founding GCE partner
- Clean Energy Economy for the Region (CLEER) manages programs under contract

# 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

# ReEnergize Garfield County



- Income-qualified residential energy efficiency program
- Provides rebates from \$2,000-\$4,000
- Up to 150% area median income (AMI)
- Work 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                               | \$42,000                                  |
| Glenwood Springs*       | 38                      | \$44,977                               | \$63,000                                  |
| Carbondale              | 31                      | \$35,928                               | \$13,000                                  |
| <b>Countywide total</b> | <b>140</b>              | <b>\$255,156</b>                       | <b>\$153,000</b>                          |

GCE has saved New Castle residents **\$33,460 annually** on utility bills through ReEnergize upgrades since 2022

# ReEnergize stories from the field

- Small 1960s-era Rifle house with poor insulation
  - Homeowners noticed an immediate difference after NWCCOG installed insulation in roof and basement
- Glenwood Springs townhome with multiple upgrades



# Accessing residential energy efficiency resources

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



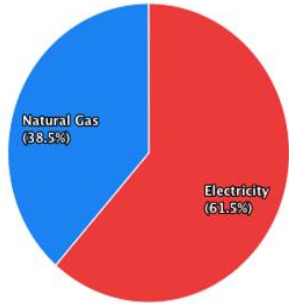
# Town of New Castle: Advanced Energy Management

**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.

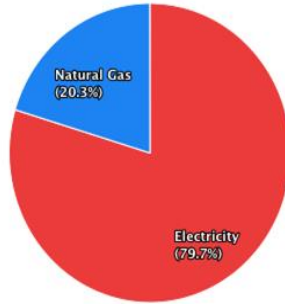
Use/Cost Breakdown (Oct 2023 - Sep 2024)



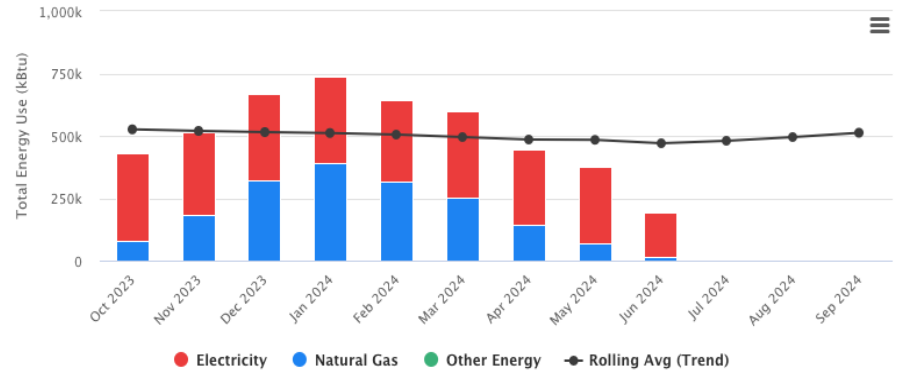
Energy Usage



Energy Cost



Energy Use Trend



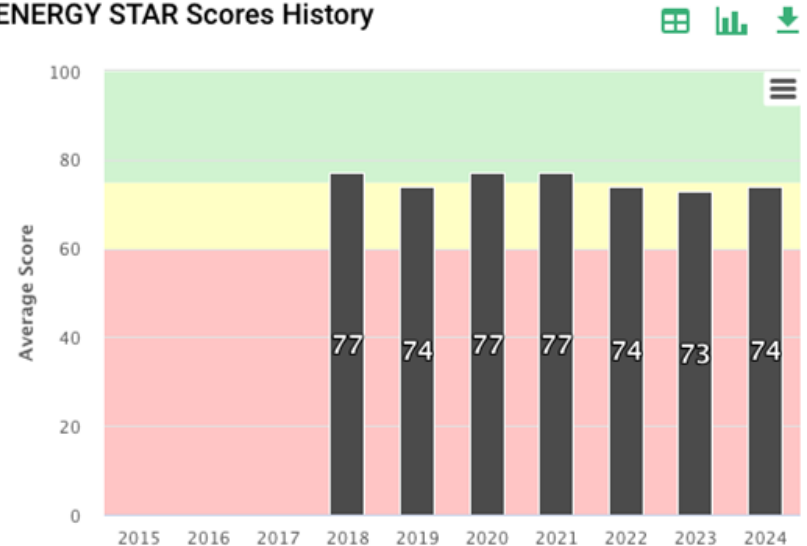
Includes tracking savings from Community solar subscriptions.

In 2024 to date, New Castle has saved **\$11,200** on it's electricity costs through community solar participation.

# AEM Services: Utility bill tracking and analysis

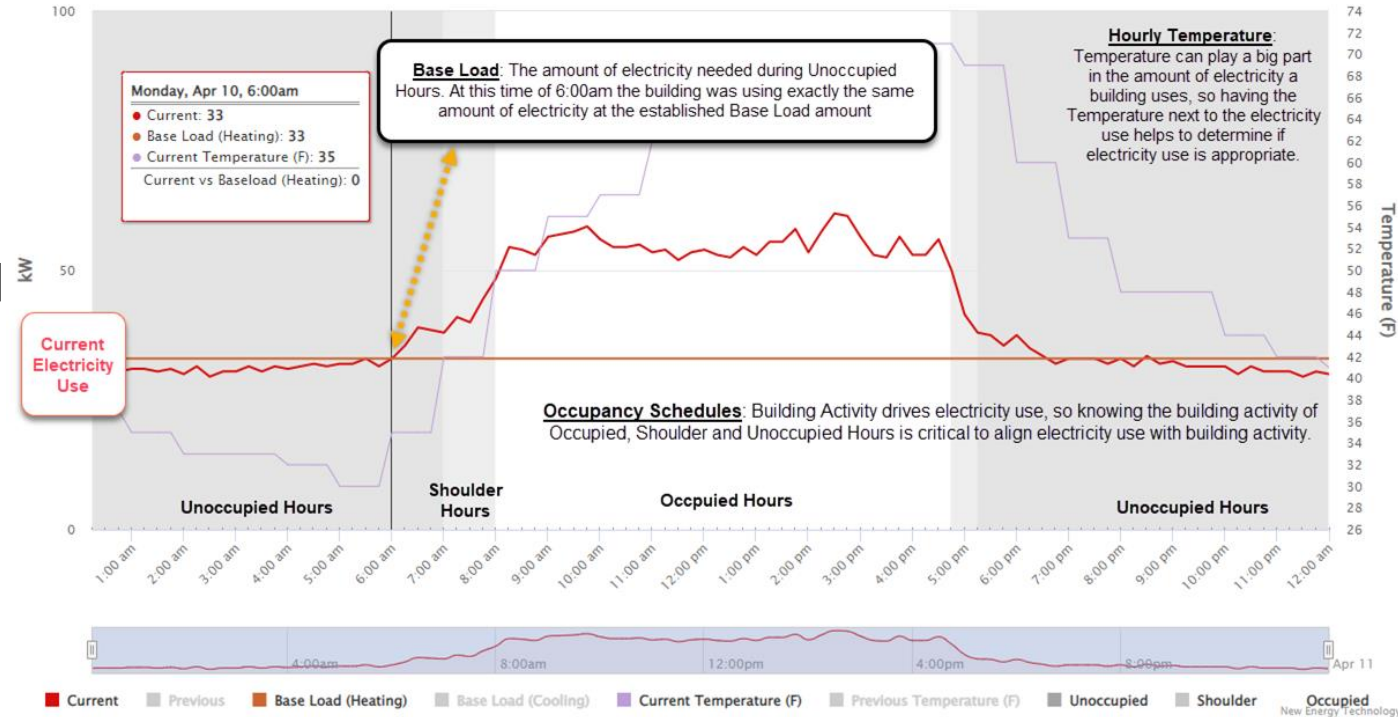
- Tracking utility bills for 6 New Castle buildings
- Town buildings are recorded in Portfolio Manager for benchmarking
- New Castle Town Hall has a score of 75 by ENERGY STAR

ENERGY STAR Scores History



# 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.



# Commercial Program

- Free energy consulting services to business and commercial property owners
- Includes a detailed walkthrough for any businesses or other commercial buildings interested in improving efficiency
- Anyone interested can reach out to us at [info@garfieldcleanenergy.org](mailto:info@garfieldcleanenergy.org)
- Or complete the form here <https://garfieldcleanenergy.org/com-form/>



# Energy code adoption and implementation

- Provided energy code adoption and implementation support for both Town 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
- EV Ride and Drives
- Workshops in Spanish



# Clean transportation

- 50 e-bikes provided to Garfield County residents in 2024
  - 7 for New Castle
- 25 attendees at BikeThere



# Events and outreach

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



# Energy Action Plan goals



By 2030:

1. **Energy savings in the built environment:** 12% reduction
2. **Carbon-free electricity:** 100%
3. **Clean mobility:** 15% of all registered vehicles are EVs, increase multi-modal transportation
4. **Greenhouse gas emissions:**
  - a. 100% reduction in emissions from electricity
  - b. 10% reduction from natural gas
5. **Clean energy economic development and jobs:** harness economic benefits and address economic impacts

# What's ahead in 2025

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

# Thank you Town of New Castle

GCE countywide collaborative programs would not have been possible without the Town of New Castle's ongoing participation from Town Council and Town staff.

GCE contact:

Morgan Hill, Associate Director

(970) 704-9200 x101

[mhill@cleanenergyeconomy.net](mailto:mhill@cleanenergyeconomy.net)



Town of Parachute | City of Rifle | Town of Silt  
Town of New Castle | City of Glenwood Springs  
Town of Carbondale | Roaring Fork Transportation Authority  
Garfield County | Colorado Mountain College  
Holy Cross Energy

Managed by CLEER: Clean Energy Economy for the Region / (970) 704-9200 / P.O. Box 428, Carbondale, Colorado 81623

To: Mayor Riddile and the New Castle Town Council  
Through: Dave Reynolds, Town Manager  
From: Garfield Clean Energy Collaborative  
Date: October 10, 2024  
Re: **Garfield Clean Energy 2025 budget request**

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The Garfield Clean Energy team is grateful for the opportunity to speak with the New Castle Town Council. The Town of New Castle's participation in the Garfield Clean Energy (GCE) Collaborative is deeply appreciated and has been critical to GCE's original founding and continued success. As a county-wide effort we have significantly benefited residents, businesses, and governments in Garfield County. Looking ahead to 2025, we have significant opportunities to continue to grow the positive results of GCE for our region and to achieve GCE's goals:

1. 12% **energy savings** in the built environment by 2030
2. 100% **carbon-free electricity** by 2030
3. **Clean mobility**: 15% of all registered vehicles are zero-emissions EVs by 2030
4. 100% reduction in **greenhouse gas emissions** from electricity and 10% reduction in emissions relating to natural gas use
5. Harness the benefits of **economic development and job creation** of the clean energy transition while minimizing impacts

As the Town of New Castle continues the 2025 budget process, the Garfield Clean Energy (GCE) Board would like to request that GCE membership be included in the Town's 2025 budget.

The GCE Board is asking all GCE members to increase their contributions to the collaborative in 2025. To continue to sustain and grow these essential GCE programs and to help reach adopted targets, the Board is requesting that the Town of New Castle contribute **\$18,200** in 2024.

We look forward to speaking with New Castle Town Council. Please let us know if any additional background on the budget request would be helpful.