



9 local government partners joining together in a shared mission to make Garfield County the most energy efficient county in the U.S.

Garfield Clean Energy 2nd Quarter 2019 Report

July, 8th 2019 • Prepared by CLEER: Clean Energy Economy for the Region
(970) 704-9200 • www.GarfieldCleanEnergy.org

Residential Loan Fund	Q1
Cumulative total loans	49
New loans	-
Loaned to date	\$487,121
Principal repaid to date	\$386,914
Loan balance to date	\$100,207
Available loan pool	\$207,958
Portfolio yield	2.239%

Residential activity summary	Q1	Q2
Residential upgrades completed	19	18
Total project costs	\$121,855	\$235,678
Estimated annual energy savings	\$11,727	\$11,120
Coaching clients	37	31
E-mails/calls	105	110
CARE Total projects costs	\$13,855	\$6,254

2019 CARE Program (for income-qualified families)	Home visits	Upgrades complete
Parachute / Battlement	3	3
Rifle	3	3
Silt	2	2
New Castle	4	4
Glenwood Springs	3	1
Carbondale	2	2
Countywide total	17	15

CARE upgrades: High efficiency furnaces, boilers, windows, insulation, air sealing, LEDs, programmable thermostats, hot water heater blankets, Energy Star fridges.

Commercial activity summary	Q1	Q2
Commercial upgrades completed	2	3
Total project costs	\$6,742	\$61,688
Estimated annual energy savings	\$2,886	\$4,894
Coaching clients	18	4
Emails/calls	74	35
Energy Coach building walk-throughs	1	5

Commercial walk-throughs	Community	Date	Project status
Q1 walk-throughs: 1			
Audi Dealership	Glenwood Springs	1/9/2019	Completed
Q2 walk-throughs: 5			
Cottonwood Landing HOA	Glenwood Springs	4/2/2019	Completed
Colorado Plaza HOA	Glenwood Springs	4/3/2019	Moving forward
Terrace Condominiums Association	Glenwood Springs	4/4/2019	Moving forward
Karp, Neu, Hanlon Law Services	Glenwood Springs	4/19/2019	Moving forward
New Castle Liquor	New Castle	6/18/2019	Moving forward

Projects and Energy Management with GCE Partners - Highlights	
Overall work	Pete Waller and Phil Meadowcroft (the Old Guy Team) have been developing energy management overviews for each GCE partner and meeting with staff to identify projects and receive energy advising services. They have also drafted a template energy policy for partners to adopt to help manage their building energy use. Katharine Rushton, the Renewable Energy Program Director, works with partners on identifying and analyzing solar projects. Matt Shmigelsky has worked to fill data gaps on the Building Energy Navigator.
Garfield County	Assisted Sheriff's Office with Courthouse lighting, insulation and boiler upgrade projects.
Parachute	Sent emails to schedule meeting with staff in Q2
Rifle	Phil met with Council Member Joe Elliot to discuss HVAC issues at Town Hall. Matt caught an inverter outside at a site and alerted staff.
Silt	CLEER staff have been working closely with Xcel Energy to identify reasons for cost increases at Water Treatment plant and the associated solar. Phil and Pete have completed walk-throughs of building, scheduled time with Energy Outreach Colorado to review senior housing facility. Provided comments to Silt staff on boiler project. Scheduled time with Colorado Energy Office to review ESCO opportunity for Silt.
New Castle	Sent emails to schedule meeting with staff for Q2
Glenwood Springs	Worked with Glenwood staff to address data gaps in Navigator data. Follow-up meeting with staff to review energy management information. Assisted with evaluating HVAC contract and new boiler at community center.
Carbondale	Assisted town staff with securing rebates for solar thermal project at rec center.
CMC	Katharine created a cash flow model for potential solar at Spring Valley campus. Reviewed proposals from PPA owner and analysis for CMC to buy back those systems.
RFTA	Worked with staff on electric bus infrastructure, RNG projects and brainstorming renewable projects.

Garfield Clean Energy events and trainings 2019				
Event name	Date	Location	Participants	Media hits
Winter Bike to Work Day	02/8	Carbondale and Glenwood Springs	55	-
Building Science meets Cold Climates with Joseph Lstiburek	02/12	Glenwood Springs	75	-
Regional Clean Energy Corridor Workshop with NREL	02/21	Glenwood Springs	68	3
Smart Design: Affordable Green-building	4/16	Carbondale	42	1
Smart Design: Affordable Green-building	4/30	Carbondale	39	-
Bike to School Day	5/14	Parachute to Carbondale (11 schools)	1500	2
Glenwood Springs Renewable Energy Announcement	5/29	Glenwood Springs	40	3
Radon and Your Home	6/4	Rifle	14	1
Radon and Your Home	6/6	Glenwood Springs	42	1
Tabling: Carbondale First Friday	6/7	Carbondale		
Smart Design: Affordable Green-building	6/11	Carbondale	45	1
Turning Renewable Energy Targets into Economic Development	6/12	Glenwood Springs	38	-
Garfield Clean Energy Facility Manager Roundtable	6/12	Glenwood Springs	8	-
Tabling: GWS Farmers Market	6/18	Glenwood Springs		
Bike to Work Day	6/26	Rifle to Carbondale	200	1
Tabling: Rifle Farmers Market	6/28	Rifle		

Media Stories

1/10/2019 – Glenwood Post Independent

Hot water flowing again for single mom in Rifle

<https://www.postindependent.com/news/rifle/hot-water-flowing-again-for-single-mom-in-rifle/>

1/23/2019 – Mountain Town News

With executive order, Polis pushed Colorado to front edge of nation's car changes

<http://mountaintownnews.net>

2/21/2019 – Glenwood Post Independent

Solar summit launches tri-county 'roadmapping' effort

<https://www.postindependent.com/news/local/solar-summit-launches-tri-county-roadmapping-effort/>

5/8/2019 – Glenwood Post Independent

Garfield County Bike to School day set for May 14

<https://www.postindependent.com/news/garfield-county-bike-to-school-day-set-for-may-14/>

5/27/2019 – Glenwood Post Independent

Glenwood to go 100 percent renewable June 1; power contract signing Wednesday at Glenwood Caverns

<https://www.postindependent.com/news/glenwood-to-go-100-percent-renewable-june-1-power-contract-signing-wednesday-at-glenwood-caverns/>

5/31/2019 – Glenwood Post Independent

Clearing the air from the impacts of radon in Garfield County

<https://www.postindependent.com/news/clearing-the-air-from-the-impacts-of-radon-in-garfield-county/>

6/24/2019 – Glenwood Post Independent

Garfield County celebrates Bike to Work Day June 26

<https://www.postindependent.com/news/local/garfield-county-celebrates-bike-to-work-day-june-26/>