

Garfield Clean Energy 2nd Quarter 2013 Report

July 3, 2013 • Prepared by CLEER: Clean Energy Economy for the Region

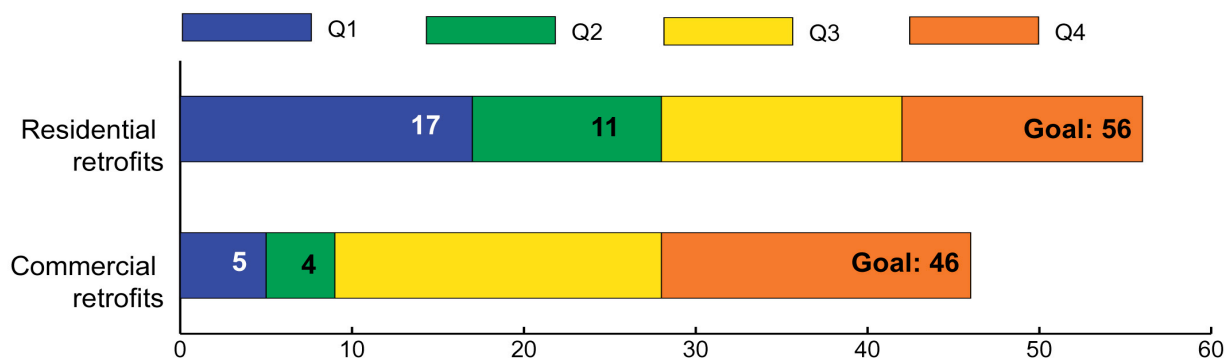
1. Residential energy efficiency

2nd Quarter 2013

Residential retrofits: 11	Measures: 8	Economic development
Rifle: 1	Insulation and air seal: 2	Total retrofit costs: \$31,872
Silt: 1	Furnace / boiler: 4	Utility rebates: \$900
New Castle: 1	Water heater: 1	GCE rebates: \$2,105
Glenwood Springs: 3	Windows:	Rebate multiplier: 15
Carbondale: 7	Swamp cooler: 1	
Parachute: 1	Est. savings: \$2,200/year	Residential applications received: 11

Year-to-date 2013

Residential retrofits: 28	Measures: 30	Economic development
Rifle: 2	Insulation and air seal: 9	Total retrofit costs: \$106,842
Silt: 4	Furnace / boiler: 14	Utility rebates: \$4,180
New Castle: 4	Water heater: 5	GCE rebates: \$9,095
Glenwood Springs: 9	Windows: 1	Rebate multiplier: 10.7
Carbondale: 8	Swamp Cooler: 1	
Parachute: 1	Est. savings: \$3,114/year	Residential applications received: 32



2. Commercial energy efficiency

2nd Quarter 2013

Commercial retrofits: 4	Measures	Total retrofit cost	GCE rebate
Aspen Insulation	Lighting retrofit	\$9,855	\$4,500
The Crystal Company	Lighting retrofit	\$2,148	\$1,073
John A. Virgili	Lighting retrofit	\$5,300	\$2,500
Charm School Butchers	Lighting retrofit	\$8,171	\$2,280
2 nd Quarter totals		\$25,474	\$10,353
New commercial applications received: 4		Average rebate multiplier: 2.46	

Year-to-date 2013

Commercial retrofits: 9	Measures: 9	Total retrofit cost	GCE rebate
Vicki Lee Green, Glenwood	HVAC upgrades	\$12,261	\$500
Habitat for Humanity	Lighting retrofit	\$14,584	\$2,025.53
Carbondale Square LLC	Lighting retrofit	\$3,198	\$1,500
Aspen Insulation	Lighting retrofit	\$9,855	\$4,500
The Crystal Company	Lighting retrofit	\$2,148	\$1,073
John A. Virgili	Lighting retrofit	\$5,300	\$2,500
Charm School Butchers	Lighting retrofit	\$8,171	\$2,280
Glenwood Springs Auto Parts	Lighting retrofit	\$5,419	\$2,500
YouthZone Rifle	Energy Audit	\$459	\$200
2013 Year-to-date totals		\$61,395	\$17,079
New commercial applications received: 19		Average rebate multiplier: 3.6	

3. Garfield Clean Energy partner buildings and renewables

>> General services for all 10 partners

Energy data analysis and future project planning

- Updated each partner's 2009-2012 utility bill graphs showing annual building energy use to include 2012 utility totals; identified trends in use and savings.
- Met with New Castle and Glenwood Springs to share results to date and future projects, discuss spreadsheets listing completed projects and priority future projects.
- Subscribed to the "Weather Cost Adjustment" capability of the Utility Manager (UM) software, which is the utility bill accounting tool that provides bill data to Energy Navigator. This new feature is a manual tool that can more accurately evaluate energy savings in buildings by accounting for variable weather conditions.

Facility Staff Roundtables

- Hosted events April 3 in Rifle and April 4 in Glenwood Springs, with 16 facility staff attending. The groups discussed challenges they face and brainstormed ways to manage challenges and find helpful resources. The roundtable also brought in facility managers from public and private sector organizations beyond GCE members.

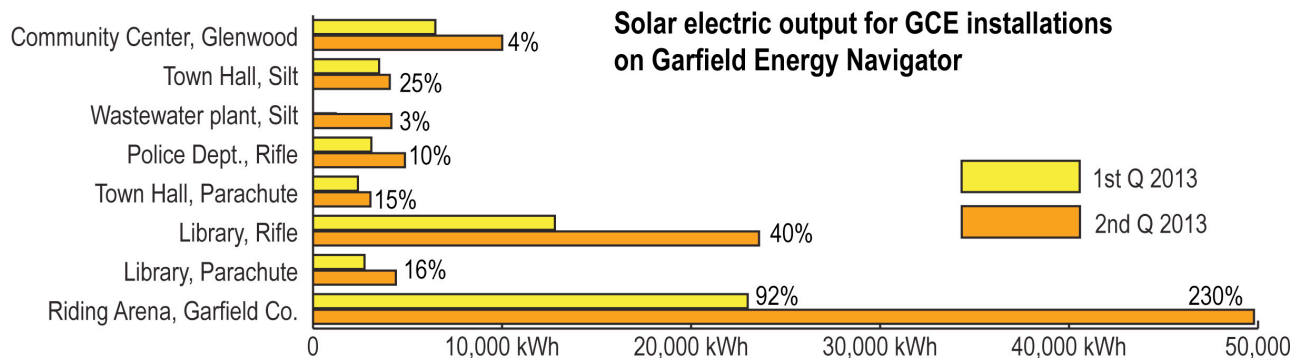
Policy

- Developed proposal and budget for reallocation of unspent Credit Reserve Fund.
- Presented Active Energy Management resolution for board approval, which passed on May 8. Coordinated with partner governments for their adoption of the resolution. New Castle passed it May 21, Glenwood Springs passed it June 20, Rifle passed it July 1.
- Coordinated with state government officials, statewide groups and other community clean energy organizations to help move state clean energy financing and funding sources forward, including statewide clean energy commercial PACE, follow-up steps on implementation, and laying the groundwork on potential state funding sources for energy efficiency and economic development.

Salesforce database development

Background: CLEER is working with Visual Data Consulting of Boulder to customize Salesforce online database system for tracking partner buildings, residential and commercial projects. Salesforce will provide fast access to simplified, standardized reporting of energy savings and investments. Q2 accomplishments include:

- Finalizing large facility customizations in order to better track and manage projects and energy savings for partner buildings.
- Uploading all residential and commercial participant data. Starting to upload commercial and large facility installation details (will continue into early part of 3rd quarter).
- Launching database, training staff and developing reporting components.



>> Partner services for all 10 partners

Garfield County

- Provided article on saving energy for the county's internal employee newsletter.
- CLEER staff met with staff members Betsy Suerth and Randy Withee to plan for building walk-throughs and discuss other energy conservation items.
- Scheduled and completed walk-through assessments at four Garfield County buildings, highlighting low-hanging fruit and easy to implement measures: Childhelp River Bridge and Health and Human Services (Mountain View Building) in Glenwood Springs, Community Corrections and Henry Building in Rifle. Active Energy Management reports with recommendations for low/no-cost savings are in-progress.
- Provided photo and short story for county website following Bike-to-School awards ceremonies.

Carbondale

- Provided 36 months of utility bill data on spreadsheets and in charts for Mark O'Meara, manager of the town's water and wastewater treatment plants, to use when discussing a solar PV power purchase agreement at public meetings.
- Conducted walk-through audits for Carbondale and Rural Fire Protection District (via small outside contract with CLEER). Active Energy Management reports for administration building and fire station are inprogress and will include recommendations for low/no-cost savings.

Glenwood Springs

- Led Energy Navigator training for wastewater treatment plant staff on April 3.
- Performed a walk-through audit at Glenwood Red Mountain Water Plant. Provided recommendations on thermostat settings and evaluating cost of conversion to gas heat.
- Purchased a datalogger for the water plant building to be added to Energy Navigator, funded by the city. Coordinated with Glenwood Springs IT and Electric departments to find the lowest-cost installation method for energy monitoring hardware. Live data is not yet online.
- Made presentation to Glenwood Springs City Council at June 6 work session, providing update on GCE programs and services.
- Glenwood Springs City Council passed the Active Energy Management policy resolution on June 20.

New Castle

- Made presentation to New Castle Town Council on May 20, providing update on GCE programs and services.
- New Castle Town Council passed the Active Energy Management policy resolution. On May 20.

Silt

- Energy Navigator monitoring equipment installed at wastewater treatment plant and delivering live data.
- Contacted Silt staff to schedule training for wastewater treatment plant staff. Waiting for response, plan to schedule in 3rd quarter.

Rifle

- Provided packet materials for July 1 presentation to Rifle City Council.
- Prepared talking points on Rifle-specific solar energy and participated as a speaker at the “1 Million Solar Roofs” press conference held June 27.

Parachute

- Assisted town manager with getting Energy Navigator kiosk functioning again.

RFTA

- Completed plan review of Aspen Maintenance Facility and submitted report with recommendations to RFTA staff on April 18.

Garfield Public Library District

- Assisted facility manager with troubleshooting at Parachute Branch and provided recommendations for further assessments and re-commissioning.

Colorado Mountain College

- Synchronized CMC’s utility bill software with Utility Manager software in order to set up 40 CMC buildings across the college district on the Energy Navigator. Uploaded 100-plus past bills to create a record, along with photos and text about each building. These pages are “hidden,” and ready to go public as soon as final approvals are in place.
- Began performing weather adjustment analysis to compare recent energy performance in select CMC buildings to a baseline year that preceded implementation of an energy performance contract.

4. Transportation

CNG efforts

- Supported monthly West Slope CNG Collaborative meetings with technical and administrative duties.
- Supported Glenwood Springs CNG station RFP by coordinating with Trillium (XXX) to plan a tour of CNG sites on the Western Slope and a separate Glenwood Springs CNG workshop focused on installing the station.

Refuel Colorado Fleets

- Interviewed 18 fleet owners and 8 auto dealers to gather information for the program’s Community Selection process (also contacted 18 other fleet owners and 2 fleet sellers, but did not get a response); attended an all-day training in Denver to learn how to apply the energy coaching concept to alternative fuel fleets.

Active transportation

- Hosted the annual Bike and Walk to School Challenge April 23 - 25 in all three districts' tabulated results; organized awards ceremonies for May 17 school assembly at Bea Underwood Elementary in Battlement Mesa and May 20 at the Garfield BOCC meeting.
- Planned "Regional Leaders Ride" around Rifle for Friday, June 7, to learn about trails and transportation opportunities.
- Attended HEAL Coalition events to promote active transportation as part of the LiveWell grant effort in Garfield County.

5. Publicity, marketing and website

Case studies: 3 in 2nd Quarter, 6 year-to-date

- **2nd Quarter case studies**
 - [Mi Casita](#), Carbondale, May 20
 - [Weller residence](#), No Name, May 30
 - [Grand Valley Recreation Center](#), Battlement Mesa, June 4

Community outreach

- Booths at Women's Health Symposium, April 20 in Carbondale; Encana Energy Expo, May 5 in Rifle, Dandelion Days, May 11 in Carbondale,
- Parachute Library How-To Festival, June 8 in Parachute. We gave away 25 CFL bulbs and 12 residents signed up for the Clean Energy Challenge.
- Garfield Clean Energy Challenge displays set up at libraries in Rifle, Silt, New Castle, Glenwood Springs and Carbondale, April 15 to May 13. We gave away 150 CFL light bulbs, and 7 residents signed up for the Garfield Clean Energy Challenge.

E-blasts

- 1 e-blast for Contractors Survey, June 18

Advertising placed

- Glenwood Springs Chamber summer visitor's guide, April 13
- Sopris Sun, April 21, May 16, May 23, June 21
- Glenwood Springs Post Independent, June 4, June 11, June 27, June 28
- Rifle Citizen Telegram, June 27
- Grand Valley Echo summer guide, May 15

2nd Quarter earned media: 16 articles

Media outlets	Article topics
Glenwood Business Journal: 2	Third Street Center, Refuel Colorado
Sopris Sun: 4	Third Street Center, EV charging station, Bike & Walk to School Challenge, Refuel Colorado
Summit County Citizens Voice: 1	Energy Navigator
Glenwood Springs Post Independent: 4	Bike & Walk to School Challenge, Refuel Colorado (2), Facility Managers Roundtable
Rifle Citizen Telegram: 1	Bike & Walk to School Challenge
Channel 7, Denver: 1	Refuel Colorado
Aspen Business Journal: 2	Refuel Colorado (2)
Grand Valley Echo: 1	Solar energy potential

Year-to-date earned media: 30 articles

By media outlet	By article topic
Glenwood Spgs Post Independent: 13	GCE partners acting on energy-related topics: 5
Sopris Sun: 6	GCE outreach and getting noticed: 4
Durango Herald: 1	Case study features: 1
Steamboat Today: 1	Renewables: 6
Treatment Plant Operator magazine: 1	Transportation/CNG news: 2
Glenwood Business Journal: 2	Refuel Colorado Fleets: 7
Summit County Citizens Voice: 1	Transportation / Electric vehicles: 1
Rifle Citizen Telegram: 1	Transportation / Bike and Walk to School Challenge: 3
Channel 7, Denver: 1	Energy Navigator: 1
Aspen Business Journal: 2	
Grand Valley Echo: 1	

For headlines, dates and links, visit www.GarfieldCleanEnergy.org and click on the newsboy image.

Website usage, April 1 to June 30, 2013, according to Google Analytics

Total visits: 3,446	Top 5 pages
Unique visitors: 2,098	Home page
Tablet/smartphone visitors: 359	Residential heat tape
Page views: 6,525	Electric vehicles
New visits: 58 %	Residential rebates landing page
Returning visitors: 42 %	Garfield Clean Energy Challenge for Homes

Website usage, Jan. 1 to June 30, 2013, according to Google Analytics

Total visits: 8,041	Top 5 pages
Unique visitors: 5,348	Home page 21%
Tablet/smartphone visitors: 1,141	Residential heat tape 17%
Page views: 14,343	Electric vehicles 5%
New visits: 65%	Residential rebates landing page 4%
Returning visitors: 35%	Garfield Clean Energy Challenge for Homes 4%

6. Administration

Ongoing coordination, management of all services, programs

- Organized and prepared materials for April, May and June GCE board meetings.
- Coordinated Strategic Planning Retreat, held May 8.

Finance matters

- Coordinated transfer of GCE QuickBooks files from ASAP Accounting to Obeji Accounting; worked with new bookkeeper Janet Obeji to prepare May and June financial reports.
- Provided requested documents to McMahan & Associates for audit of GCE 2012 books.
- Filed amended 2013 GCE budget with Colorado Division of Local Government.