



Garfield Clean Energy Board Meeting

Friday, September 9 2016
1:00 to 3:00 p.m.
Calaway Room, Third Street Center
Carbondale

	AGENDA	Action requested	Time
1.	Call meeting to order, Roll call		1:00 pm
2.	Review and approval of agenda	• Motion to approve	1:05 pm
3.	Board member and public comment Regarding items not on agenda		1:05 pm
4.	Consent Agenda • Approval of Aug 12, 2016, minutes	• Motion to approve	1:07 pm
5.	Financials • August 2016 and 2016 YTD financial reports and accounts payable; line-item reallocation update	• Motion to approve	1:12 pm
6.	Joint meeting with CORE Board	• Discussion	1:15 pm
6a.	Introductions Overview of similarities and differences between GCE and CORE; areas of shared interest	Information – brief background info	1:15 pm
6b.	Proposals for potential joint projects to maximize results on areas of shared interest: Parachute to Aspen data-driven government facilities strategic energy management program Petroleum Independence Low-income and senior energy efficiency program Regional Renewables Aspen to Parachute - incentives, rebates	Proposal presentation and decision on next steps	1:25 pm
7.	Upcoming events • Facility Manager Workshop, September 14 • Visit from Fiona Arnold, Director, OEDIT, October 6 • 2 nd Stakeholder workshop – Xcel Partners Planning	• Information	2:50 pm
8.	Adjourn. Next mtg: Oct 14; Pete Rusin, Energy Smart	• Motion to adjourn	3:00 pm

Key calendar items for 2016

Quarterly reports: Oct. 14, Jan. 13

Presentations to member governing boards: September & October

Draft 2017 budget, draft scope of work, draft service contract: Nov. 4

Approval of 2017 Budget, Scope of Work and Service Contract: Dec. 9



Town of Parachute | City of Rifle | Town of Silt
Town of New Castle | City of Glenwood Springs
Town of Carbondale | Garfield County Public Library District
Roaring Fork Transportation Authority
Garfield County | Colorado Mountain College

Board Meeting Minutes: Friday, August 12, 2016, 1:05 to 2:30 p.m.

Colorado Mountain College, 3695 Airport Road, Rifle

Board members attending

Town of Parachute: GCE Chair Stuart McArthur
Garfield County: Treasurer Tom Jankovsky
Town of Carbondale: Vice Chair Katrina Byars
Town of New Castle: Bruce Leland
RFTA: Jason White
Garfield County: Josh Williams (alternate)

Others attending

CLEER: Erica Sparhawk, Shelley Kaup

Board members not present

City of Rifle: Joe Elliot
Town of Silt: Secretary Rick Aluise
City of Glenwood Springs: Leo McKinney
CMC: Richard Maestas

Next meeting: Friday, September 9, 2016, Third Street Center, Carbondale

Call meeting to order

Stuart McArthur called the meeting to order at 1:05 p.m.

Roll call and approval of agenda:

Katrina Byars took the roll.

Katrina Byars moved to approve the agenda, Tom Jankovsky seconded, and the motion passed unanimously.

Board member and public comments

Bruce Leland said he talked to two library board members about rejoining GCE. The library district is still refunding sales tax revenue to Noble Energy. He asked if the GCE Board would consider having the district rejoin without having to pay for a few years.

Tom Jankovsky asked about reaching out to the three school districts. Board members suggested that CLEER staff put together a formal proposal asking the districts to join GCE.

Stuart McArthur reported that the Town of Parachute just purchased a CNG vehicle, and he is learning how to use it.

Jason White provided a brief update on the Lower Valley (LOVA) Trail, describing grants and the informal coalition of New Castle, Glenwood Springs, RFTA, LOVA, LiveWell and Garfield County. A new name being considered is "Lower Colorado River Trail." New Castle is working on a route from New Castle to Canyon Creek. Board members recommended reaching out to Garfield School District Re-2 for help with the trail to Coal Ridge High School, and to the Town of Silt about the town's plans for a trail.

Consent Agenda: Minutes for July 8, 2016, regular board meeting

Bruce Leland moved to approve the July 8 minutes. Katrina Byars seconded the motion, and the motion passed 4-0. Stuart McArthur abstained from voting.

Financials

July 2016 and YTD financial reports and accounts payable

Treasurer Tom Jankovsky briefed the board on the July and year-to-date financials, reporting that overall, the financials are on track. He noted that there was no line item reallocation proposal this month, and said he expected that to be presented in September. *Tom Jankovsky moved to approve the financial reports and the July accounts payable. Katrina Byars seconded the motion and the motion passed unanimously.*

Action item

Energy Smart request to present, ask GCE to join

Erica Sparhawk reported that Energy Smart Colorado has asked to give a presentation to the GCE board in October or November. Board members agreed by consensus that they would welcome a brief presentation, and preferred the October meeting.

Program updates

Xcel Partners in Energy planning project: summary of Workshop I and next steps

Erica Sparhawk summarized the first stakeholder session in the Partners in Energy (PIE) project, held Aug. 11 in New Castle. GCE board members Josh Williams, Katrina Byars and Bruce Leland attended.

Bruce questioned whether the project would achieve anything new. Erica said it is expected to yield an energy plan and good energy use data to compare to data gathered for 2009. She said part of the planning process will show what needs to be done to reach GCE's energy goals, and to help the board understand whether the goals are attainable and measurable.

Josh said the energy data is helpful, but questioned the visioning process. He said carbon accounting should remain in the process, but not be emphasized. Katrina said the energy data is valuable. She noted that having the energy plan vetted by a larger group will make it stronger. Bruce said the best ideas to come out of the meeting were better outreach to Spanish speakers and better outreach for low-income programs.

Seniors / income qualified outreach (packet memo)

With additional funding from Energy Outreach Colorado awarded in May, CLEER has continued the CARE program, with increased emphasis on outreach to seniors. CLEER staff has attended senior lunches in Carbondale, Glenwood Springs, Rifle and Parachute, and will be presenting soon in Silt. At these events, they distributed 100 free LED light bulbs and handed out CARE applications to 75 interested seniors. Tom said this program is what makes him most proud of being a GCE board member.

New commercial businesses incentives

Erica reported that CLEER has been using the limited-time incentives being offered by Xcel Energy and Holy Cross Energy to get the attention of commercial utility customers. CLEER visited more than 20 businesses in Rifle, promoted the offers in e-blasts to contractors and businesses, and plans to increase door-to-door outreach to businesses in Xcel and Holy Cross territory.

GCE Active Energy Management program

Erica reported that the program is targeting each GCE partner's largest user. Matt Shmigelsky is working to upgrade lighting in the county jail and sheriff's office, and Shelley Kaup is working with the Glenwood Springs Community Center. Tom noted that Garfield County's new facility director starts work on Aug. 15, and asked CLEER to invite him to the Facility Manager Roundtable.

Xcel Lighting Program

Erica updated the board on the Xcel Energy LED streetlight program. The utility will be changing out qualified streetlights before the end of the year. Parachute, Rifle, New Castle and Carbondale are enrolled; Silt has not yet enrolled and Glenwood Springs is not eligible.

Joint GCE – CORE board meeting Sept. 9; agenda and facilitator

Erica confirmed that the Sept. 9 GCE board meeting has been set for a joint meeting with the Community Office for Resource Efficiency (CORE) board, to be held in Carbondale. Tom Jankovsky suggested asking Tom Baker to serve as the facilitator. Stuart noted three other people who could serve as facilitators; the board expressed its preference for Tom Baker.

Tom said the agenda should include definite things to achieve, and not be another visioning session. He also asked what CORE is trying to achieve with the meeting. Jason White suggested that the boundaries for CORE's rebates be discussed, citing the example of RFTA's winning a CORE Green Key grant for a BRT station in the Roaring Fork Valley, but not being able to seek similar funding to install an EV charger in New Castle.

2017 Strategic Plan and Budget

Strategic Plan next overall steps – Vision, Mission approved July 8

Stuart and Katrina volunteered to work on developing the 2017 Strategic Plan. Katrina noted that the Strategic Plan will help guide the Xcel PIE energy plan.

Jason brought up "roofless" renewable energy programs, such as the Clean Energy Collective model, and more partnerships between Xcel and Garfield County for solar farms.

Josh Williams agreed that community solar is a key issue for education, and said GCE should address energy storage and options for local power generation.

Draft 2017 Budget – check-in

Tom J. volunteered to work on developing the 2017 Budget.

Schedule for member contribution presentations

Erica mentioned scheduling these presentations, and board members agreed to coordinate these dates through email.

Upcoming events

Aug. 19 tour of Glenwood Springs public CNG facility with Lt. Gov. Donna Lynn

Erica reported that the lieutenant governor will be visiting the Trillium CNG station at the West Glenwood Shell on Aug. 19, and invited board members to attend.

Facility Manager Workshop

Erica reported that this annual peer-to-peer training will be held Sept. 14 at CMC Rifle.

Visit from Fiona Arnold, Director of OEDIT, Oct. 6

Erica reported that Fiona Arnold, director of the Colorado Office of Economic Development and International Trade, has agreed to visit Garfield County and tour various clean energy businesses and installations on Thursday, Oct. 6. Board members are encouraged to join the tour. Tom asked CLEER to invite state Rep. Bob Rankin.

Adjournment

Katrina Byars moved to adjourn the meeting, Tom Jankovsky seconded, and the motion passed unanimously. The meeting adjourned at 2:30 p.m.

GARFIELD CLEAN ENERGY COLLABORATIVE

By: _____
Stuart McArthur, Chairperson

ATTEST: _____
Rick Aluise, Secretary

These minutes were reviewed and approved by a vote of the Garfield Clean Energy Board of Directors at its meeting held on Sept. 9, 2016.

Garfield Clean Energy
Balance Sheet
As of August 31, 2016

Aug 31, 16

ASSETS

Current Assets

Checking/Savings

103 - Alpine Bank (4668) 164,122.07

Total Checking/Savings 164,122.07

Accounts Receivable

110 - Accounts Receivable 1,500.00

Total Accounts Receivable 1,500.00

Total Current Assets 165,622.07

TOTAL ASSETS 165,622.07

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

200 - Accounts Payable 32,033.64

Total Accounts Payable 32,033.64

Total Current Liabilities 32,033.64

Total Liabilities 32,033.64

Equity

320 - Retained Earnings 38,414.81

Net Income 95,173.62

Total Equity 133,588.43

TOTAL LIABILITIES & EQUITY 165,622.07

Garfield Clean Energy
Unpaid Bills Detail
As of August 31, 2016

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Due Date</u>	<u>Aging</u>	<u>Open Balance</u>
Balanced Bookkeeping & Payroll, Inc.						
	Bill	08/31/2016	9771	09/12/2016		518.75
Total Balanced Bookkeeping & Payroll, Inc.						<u>518.75</u>
Clean Energy Economy for the Region Inc.						
	Bill	08/31/2016	2556	09/12/2016		3,216.00
	Bill	08/31/2016	2556a	09/12/2016		4,552.80
	Bill	08/31/2016	2556b	09/12/2016		9,608.00
	Bill	08/31/2016	2556c	09/12/2016		210.40
	Bill	08/31/2016	2556d	09/12/2016		9,234.40
	Bill	08/31/2016	2556e	09/12/2016		1,108.80
	Bill	08/31/2016	2556f	09/12/2016		1,772.00
	Bill	08/31/2016	2557	09/12/2016		56.06
	Bill	08/31/2016	2558	09/12/2016		283.29
	Bill	08/31/2016	2559	09/12/2016		41.63
	Bill	08/31/2016	2560	09/12/2016		214.94
	Bill	08/31/2016	2561	09/12/2016		6.57
Total Clean Energy Economy for the Region Inc.						<u>30,304.89</u>
Utility Management Services						
	Bill	08/31/2016	3527	09/12/2016		1,210.00
Total Utility Management Services						<u>1,210.00</u>
TOTAL						<u><u>32,033.64</u></u>

Garfield Clean Energy
A/R Aging Summary
As of August 31, 2016

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Town of Parachute	0.00	0.00	0.00	0.00	1,500.00	1,500.00
TOTAL	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>1,500.00</u></u>	<u><u>1,500.00</u></u>

Garfield Clean Energy P&L Budget vs. Actual January through August 2016

	Jan - Aug 16	Budget	\$ Over Budget	% of Budget
Income				
3000 - Partnership Funding				
3100 - Garfield County	150,000.00	150,000.00	0.00	100.0%
3200 - Parachute	1,500.00	1,500.00	0.00	100.0%
3300 - Rifle	3,000.00	3,000.00	0.00	100.0%
3400 - Silt	3,000.00	3,000.00	0.00	100.0%
3500 - New Castle	17,500.00	17,500.00	0.00	100.0%
3600 - Glenwood Springs	45,000.00	45,000.00	0.00	100.0%
3700 - Carbondale	25,000.00	25,000.00	0.00	100.0%
3800 - Colorado Mountain College	35,000.00	35,000.00	0.00	100.0%
4200 - RFTA	25,000.00	25,000.00	0.00	100.0%
5000 - Contributions From Others				
5200 - Sponsorships	250.00			
5300 - Grants	11,998.20	19,000.00	-7,001.80	63.15%
5000 - Contributions From Others - Other	200.00			
Total 5000 - Contributions From Others	<u>12,448.20</u>	<u>19,000.00</u>	<u>-6,551.80</u>	<u>65.52%</u>
Total 3000 - Partnership Funding	<u>317,448.20</u>	<u>324,000.00</u>	<u>-6,551.80</u>	<u>97.98%</u>
Total Income	<u>317,448.20</u>	<u>324,000.00</u>	<u>-6,551.80</u>	<u>97.98%</u>
Gross Profit	317,448.20	324,000.00	-6,551.80	97.98%
Expense				
Countywide Energy Dev Program				
10000 - Commercial Sector				
11000 - Energy Coaching	23,876.99	43,000.00	-19,123.01	55.53%
12000 - Outreach/Educ/Training/Website	8,800.24	15,000.00	-6,199.76	58.67%
Total 10000 - Commercial Sector	<u>32,677.23</u>	<u>58,000.00</u>	<u>-25,322.77</u>	<u>56.34%</u>
20000 - Residential Sector				
21000 - Energy Coaching	24,827.58	27,000.00	-2,172.42	91.95%
21100 - Energy Coach-Home Energy Prog	11,331.79	20,000.00	-8,668.21	56.66%
22000 - Outreach/Educ/Training/Website	5,443.80	12,000.00	-6,556.20	45.37%
22100 - CEO Green MLS	11,998.20	19,000.00	-7,001.80	63.15%
23000 - Credit Reserve/Loan Fund Report	0.00	1,500.00	-1,500.00	0.0%
Total 20000 - Residential Sector	<u>53,601.37</u>	<u>79,500.00</u>	<u>-25,898.63</u>	<u>67.42%</u>
Total Countywide Energy Dev Program	<u>86,278.60</u>	<u>137,500.00</u>	<u>-51,221.40</u>	<u>62.75%</u>
30000 - Petroleum Independence Project				
31000 - Active Transportation & Transit	12,841.90	15,000.00	-2,158.10	85.61%
32000 - Efficient Vehicles/Fleets				
32200 - Efficient Vehicles/Alt Fuels	2,740.97	5,000.00	-2,259.03	54.82%
Total 32000 - Efficient Vehicles/Fleets	<u>2,740.97</u>	<u>5,000.00</u>	<u>-2,259.03</u>	<u>54.82%</u>
33000 - Alternative Fuels				
33100 - WS CNG Network	4,999.57	5,000.00	-0.43	99.99%
Total 33000 - Alternative Fuels	<u>4,999.57</u>	<u>5,000.00</u>	<u>-0.43</u>	<u>99.99%</u>
Total 30000 - Petroleum Independence Project	<u>20,582.44</u>	<u>25,000.00</u>	<u>-4,417.56</u>	<u>82.33%</u>
40000 - Renewable Energy				
41000 - Technical assistance & Educatn	3,321.17	12,000.00	-8,678.83	27.68%
Total 40000 - Renewable Energy	<u>3,321.17</u>	<u>12,000.00</u>	<u>-8,678.83</u>	<u>27.68%</u>
50000 - Government Facilities				
51000 - Energy Data Mgt/Bldg engy navig	18,504.05	25,000.00	-6,495.95	74.02%
52000 - Active Energy Mgt Coaching	27,188.42	30,000.00	-2,811.58	90.63%
Total 50000 - Government Facilities	<u>45,692.47</u>	<u>55,000.00</u>	<u>-9,307.53</u>	<u>83.08%</u>
60000 - Special Projects				
61000 - Energy Inventory	2,713.00	4,500.00	-1,787.00	60.29%
61100 - Goal 4 Implementation	7,568.60	10,000.00	-2,431.40	75.69%
61200 - Develop Local Energy Resources	0.00	10,000.00	-10,000.00	0.0%

**Garfield Clean Energy
P&L Budget vs. Actual
January through August 2016**

	<u>Jan - Aug 16</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Total 60000 - Special Projects	10,281.60	24,500.00	-14,218.40	41.97%
90000 - Countywide GCE Partnership Svc				
91000 - Proj mgmt/plan/report/mtgs/budg				
91000.1 - Audit/Financial review	4,450.00	4,500.00	-50.00	98.89%
91000.2 - CIRSA liability Insurance	1,865.00	2,100.00	-235.00	88.81%
91000 - Proj mgmt/plan/report/mtgs/budg - Other	45,366.25	63,000.00	-17,633.75	72.01%
Total 91000 - Proj mgmt/plan/report/mtgs/budg	51,681.25	69,600.00	-17,918.75	74.26%
92000 - Legal Services	342.20	3,000.00	-2,657.80	11.41%
93000 - Accounting/Bookkeeping	4,094.85	7,000.00	-2,905.15	58.5%
98000 - Contingency Expense	0.00	3,000.00	-3,000.00	0.0%
Total 90000 - Countywide GCE Partnership Svc	56,118.30	82,600.00	-26,481.70	67.94%
Total Expense	222,274.58	336,600.00	-114,325.42	66.04%
Net Income	<u><u>95,173.62</u></u>	<u><u>-12,600.00</u></u>	<u><u>107,773.62</u></u>	<u><u>-755.35%</u></u>

Garfield Clean Energy Income vs Expenses by fund

August 2016

	<u>GCE</u>	<u>TOTAL</u>
Expense		
Countywide Energy Dev Program		
10000 · Commercial Sector		
11000 · Energy Coaching	2,192.86	2,192.86
12000 · Outreach/Educ/Training/Website	1,079.20	1,079.20
Total 10000 · Commercial Sector	<u>3,272.06</u>	<u>3,272.06</u>
20000 · Residential Sector		
21000 · Energy Coaching	2,491.20	2,491.20
21100 · Energy Coach-Home Energy Prog	3,928.14	3,928.14
22000 · Outreach/Educ/Training/Website	3,030.00	3,030.00
Total 20000 · Residential Sector	<u>9,449.34</u>	<u>9,449.34</u>
Total Countywide Energy Dev Program	<u>12,721.40</u>	<u>12,721.40</u>
30000 · Petroleum Independence Project		
31000 · Active Transportation & Transit	485.60	485.60
32000 · Efficient Vehicles/Fleets		
32200 · Efficient Vehicles/Alt Fuels	1,292.97	1,292.97
Total 32000 · Efficient Vehicles/Fleets	<u>1,292.97</u>	<u>1,292.97</u>
Total 30000 · Petroleum Independence Project	<u>1,778.57</u>	<u>1,778.57</u>
40000 · Renewable Energy		
41000 · Technical assistance & Educatn	210.40	210.40
Total 40000 · Renewable Energy	<u>210.40</u>	<u>210.40</u>
50000 · Government Facilities		
51000 · Energy Data Mgt/Bldg engy navig	1,678.80	1,678.80
52000 · Active Energy Mgt Coaching	4,367.29	4,367.29
Total 50000 · Government Facilities	<u>6,046.09</u>	<u>6,046.09</u>
60000 · Special Projects		
61000 · Energy Invenry	46.40	46.40
61100 · Goal 4 Implementation	1,062.40	1,062.40
Total 60000 · Special Projects	<u>1,108.80</u>	<u>1,108.80</u>
90000 · Countywide GCE Partnership Svc		
91000 · Proj mgmt/plan/report/mtgs/budg	9,649.63	9,649.63
93000 · Accounting/Bookkeeping	518.75	518.75
Total 90000 · Countywide GCE Partnership Svc	<u>10,168.38</u>	<u>10,168.38</u>
Total Expense	<u>32,033.64</u>	<u>32,033.64</u>
Net Income	<u><u>-32,033.64</u></u>	<u><u>-32,033.64</u></u>

LENDER STATEMENT OF ACCOUNT

COMPANY

Funding Partners
 330 South College Avenue
 Suite 400
 Fort Collins CO 80524
 (970) 494-2021

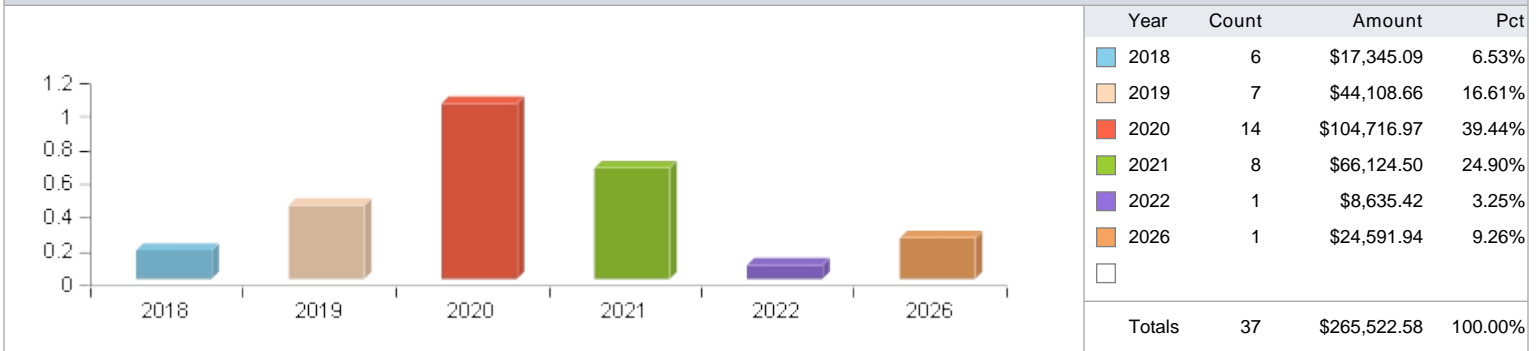
ACCOUNT NO	3239
STATEMENT DATE	8/3/2016
STATEMENT PERIOD	7/1/2016 - 7/31/2016
PORTFOLIO BALANCE	\$265,522.58
PORTFOLIO YIELD	2.2085%
INTEREST PAID IN 2016	\$3,767.24

LENDER

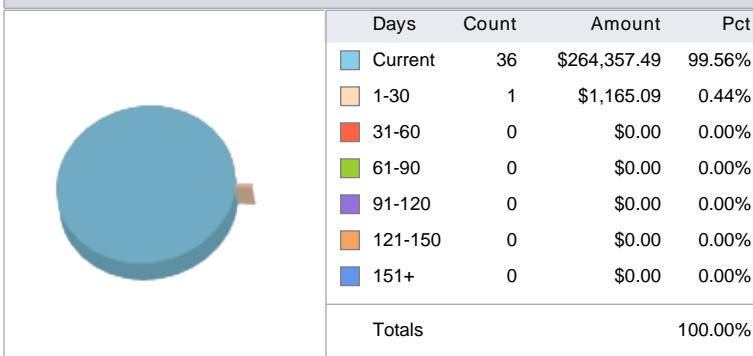
EnergySmart Partners as agent for Garfield Clean Energy
 330 S. College Avenue
 Suite 400
 Fort Collins CO 80524

Please advise us immediately of any discrepancies in the transactions or investment activity on your statement of account or if you contemplate changing your address. When making inquiries by telephone or in writing please give your account number. We urge you to keep this statement with your investment records.

LOAN DISTRIBUTION BY MATURITY



LOAN AGING



INVESTMENT PORTFOLIO AS OF 7/31/2016

Loan Account	Borrower Name	Pct Owned	Interest Rate	Maturity Date	Term Left	Next Payment	Regular Payment	Loan Balance
ESC140103	Names redacted	100.000%	3.750%	6/5/2021	59	8/5/2016	\$101.42	\$5,212.39
ESC140106		100.000%	1.750%	3/5/2019	32	8/5/2016	\$304.87	\$9,164.25
ESP121121		100.000%	1.750%	1/5/2018	18	8/5/2016	\$130.42	\$2,394.28
ESP121201		100.000%	3.750%	2/5/2020	43	8/5/2016	\$72.58	\$2,806.42
ESP121204		100.000%	1.750%	3/5/2018	20	8/5/2016	\$136.73	\$2,658.91
ESP130103		100.000%	1.750%	4/5/2018	21	8/5/2016	\$187.54	\$3,816.10
ESP130105		100.000%	1.750%	3/5/2018	20	8/5/2016	\$257.08	\$4,995.83
ESP130404		100.000%	4.750%	6/5/2018	23	8/5/2016	\$86.12	\$1,828.06
ESP130820		100.000%	1.750%	10/5/2018	27	8/5/2016	\$99.57	\$1,651.91
ESP140403		100.000%	1.750%	6/5/2021	59	8/5/2016	\$81.05	\$4,372.00
ESP140404		100.000%	1.750%	6/5/2019	35	9/5/2016	\$100.12	\$3,225.82
ESP140428		100.000%	1.750%	7/5/2019	36	8/5/2016	\$81.71	\$2,779.24
ESP140514		100.000%	2.750%	9/5/2021	62	8/5/2016	\$121.40	\$6,688.99

INVESTMENT PORTFOLIO AS OF 7/31/2016

Loan Account	Borrower Name	Pct Owned	Interest Rate	Maturity Date	Term Left	Next Payment	Regular Payment	Loan Balance
ESP140623	Names redacted	100.000%	1.750%	9/5/2019	38	8/5/2016	\$212.98	\$7,615.87
ESP140701		100.000%	1.750%	9/5/2019	38	8/5/2016	\$218.82	\$7,832.49
ESP140802		100.000%	1.750%	10/5/2019	39	8/5/2016	\$274.54	\$10,059.96
ESP140902		100.000%	1.750%	12/5/2019	41	8/5/2016	\$88.94	\$3,431.03
ESP141101		100.000%	1.750%	1/5/2020	42	8/5/2016	\$126.79	\$4,992.73
ESP141112		100.000%	1.750%	1/5/2020	42	8/5/2016	\$48.96	\$1,928.08
ESP1411120		100.000%	2.750%	2/5/2020	43	8/5/2016	\$138.80	\$5,483.95
ESP150103		100.000%	3.750%	5/5/2022	70	8/5/2016	\$144.89	\$8,635.42
ESP150301		100.000%	1.750%	8/11/2020	49	9/5/2016	\$207.25	\$9,423.31
ESP150307		100.000%	1.750%	6/5/2020	47	8/5/2016	\$148.72	\$6,510.02
ESP150319		100.000%	1.750%	5/5/2020	46	8/5/2016	\$92.30	\$3,956.13
ESP150629		100.000%	1.750%	9/5/2020	50	8/5/2016	\$457.60	\$21,141.19
ESP150631		100.000%	1.750%	9/5/2020	50	8/5/2016	\$376.91	\$17,442.93
ESP150714		100.000%	1.750%	8/5/2020	49	8/5/2016	\$167.26	\$7,746.46
ESP150723		100.000%	1.750%	10/5/2020	51	8/5/2016	\$274.54	\$12,931.41
ESP150811		100.000%	2.750%	11/5/2020	52	7/5/2016	\$24.34	\$1,165.09
ESP150903		100.000%	1.750%	10/5/2020	51	8/5/2016	\$168.30	\$7,927.50
ESP151108		100.000%	1.750%	4/5/2021	57	8/5/2016	\$457.60	\$23,838.85
ESP151115		100.000%	4.750%	12/1/2020	53	8/5/2016	\$27.62	\$1,261.75
ESP151209		100.000%	4.250%	4/5/2026	117	8/5/2016	\$280.70	\$24,591.94
ESP160213	100.000%	1.750%	6/5/2021	59	8/5/2016	\$229.94	\$12,400.35	
ESP160305	100.000%	1.750%	7/5/2021	60	8/5/2016	\$113.85	\$6,220.00	
ESP160310	100.000%	1.750%	6/5/2021	59	8/5/2016	\$56.65	\$3,047.26	
ESP160613	100.000%	2.750%	9/5/2021	62	9/5/2016	\$81.49	\$4,344.66	
Current Portfolio Yield: 2.208%							\$6,180.40	\$265,522.58

FUNDING ACTIVITY

Transaction Date	Reference	Loan Account	Borrower Name	Amount Funded
7/26/2016	ACH	ESP160613	Names redacted	\$4,219.66
7/26/2016	FEE	ESP160613		\$125.00
				\$4,344.66

ACCOUNT ACTIVITY

Transaction Date	Check# or Reference	Loan Account	Transaction Amount	Distribution					
				Serv. Fees	Interest	Principal	Charges	Other	Trust
7/31/2016	2588	ESP140403	\$73.65	\$0.00	\$6.47	\$67.18	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP151209	\$239.46	\$0.00	\$87.63	\$151.83	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP130820	\$147.01	\$0.00	\$2.62	\$144.39	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP130105	\$248.35	\$0.00	\$7.63	\$240.72	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150631	\$347.30	\$0.00	\$25.90	\$321.40	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150301	\$191.25	\$0.00	\$14.00	\$177.25	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140404	\$94.59	\$0.00	\$4.83	\$89.76	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP151108	\$417.23	\$0.00	\$35.32	\$381.91	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP151115	\$25.48	\$0.00	\$5.07	\$20.41	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160310	\$2.02	\$0.00	\$2.02	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160310	\$47.74	\$0.00	\$0.00	\$47.74	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160310	\$0.17	\$0.00	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160310	\$1.97	\$0.00	\$1.97	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESC140103	\$92.61	\$0.00	\$16.53	\$76.08	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP130103	\$180.89	\$0.00	\$5.82	\$175.07	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140623	\$199.97	\$0.00	\$11.38	\$188.59	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$4.32	\$0.00	\$4.32	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$0.32	\$0.00	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$5.85	\$0.00	\$5.85	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$7.15	\$0.00	\$7.15	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$14.02	\$0.00	\$14.02	\$0.00	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP160213	\$162.09	\$0.00	\$0.00	\$162.09	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140802	\$257.37	\$0.00	\$15.02	\$242.35	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140701	\$205.44	\$0.00	\$11.70	\$193.74	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP1411120	\$129.47	\$0.00	\$12.84	\$116.63	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP141112	\$45.67	\$0.00	\$2.87	\$42.80	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150903	\$154.85	\$0.00	\$11.77	\$143.08	\$0.00	\$0.00	\$0.00

ACCOUNT ACTIVITY

Transaction Date	Check# or Reference	Loan Account	Transaction Amount	Distribution					
				Serv. Fees	Interest	Principal	Charges	Other	Trust
7/31/2016	2588	ESP140428	\$76.96	\$0.00	\$4.16	\$72.80	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP121204	\$132.08	\$0.00	\$4.06	\$128.02	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESC140106	\$289.14	\$0.00	\$13.77	\$275.37	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150629	\$421.71	\$0.00	\$31.40	\$390.31	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140902	\$83.09	\$0.00	\$5.12	\$77.97	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP140514	\$110.09	\$0.00	\$15.54	\$94.55	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150307	\$137.66	\$0.00	\$9.68	\$127.98	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP121121	\$126.22	\$0.00	\$3.67	\$122.55	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150103	\$130.33	\$0.00	\$27.31	\$103.02	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150319	\$85.57	\$0.00	\$5.88	\$79.69	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP121201	\$67.80	\$0.00	\$8.95	\$58.85	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150723	\$252.60	\$0.00	\$19.20	\$233.40	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP150714	\$154.11	\$0.00	\$11.50	\$142.61	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP141101	\$118.28	\$0.00	\$7.44	\$110.84	\$0.00	\$0.00	\$0.00
7/31/2016	2588	ESP130404	\$82.95	\$0.00	\$7.54	\$75.41	\$0.00	\$0.00	\$0.00
⚡ = Electronic Payment			\$5,564.83	\$0.00	\$488.44	\$5,076.39	\$0.00	\$0.00	\$0.00

LENDER STATEMENT OF ACCOUNT

COMPANY

Funding Partners
 330 South College Avenue
 Suite 400
 Fort Collins CO 80524
 (970) 494-2021

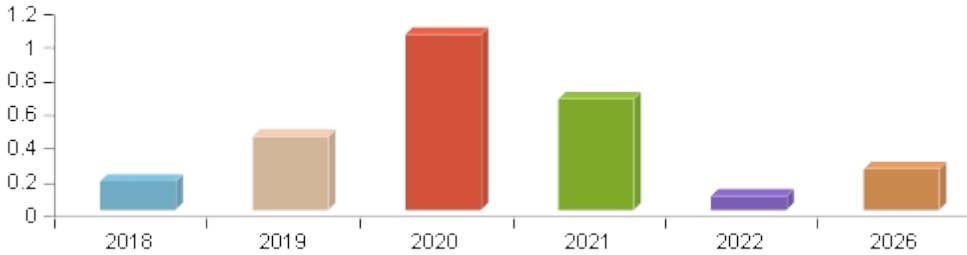
ACCOUNT NO	3239
STATEMENT DATE	9/7/2016
STATEMENT PERIOD	8/1/2016 - 8/31/2016
PORTFOLIO BALANCE	\$265,522.58
PORTFOLIO YIELD	2.2085%
INTEREST PAID IN 2016	\$3,767.24

LENDER

EnergySmart Partners as agent for Garfield Clean Energy
 330 S. College Avenue
 Suite 400
 Fort Collins CO 80524

Please advise us immediately of any discrepancies in the transactions or investment activity on your statement of account or if you contemplate changing your address. When making inquiries by telephone or in writing please give your account number. We urge you to keep this statement with your investment records.

LOAN DISTRIBUTION BY MATURITY



Year	Count	Amount	Pct
2018	6	\$17,345.09	6.53%
2019	7	\$44,108.66	16.61%
2020	14	\$104,716.97	39.44%
2021	8	\$66,124.50	24.90%
2022	1	\$8,635.42	3.25%
2026	1	\$24,591.94	9.26%
Totals	37	\$265,522.58	100.00%

LOAN AGING



Days	Count	Amount	Pct
Current	37	\$265,522.58	100.00%
1-30	0	\$0.00	0.00%
31-60	0	\$0.00	0.00%
61-90	0	\$0.00	0.00%
91-120	0	\$0.00	0.00%
121-150	0	\$0.00	0.00%
151+	0	\$0.00	0.00%
Totals			100.00%

INVESTMENT PORTFOLIO AS OF 8/31/2016

Loan Account	Borrower Name	Pct Owned	Interest Rate	Maturity Date	Term Left	Next Payment	Regular Payment	Loan Balance
ESC140103	Names redacted	100.000%	3.750%	6/5/2021	58	9/5/2016	\$101.42	\$5,212.39
ESC140106		100.000%	1.750%	3/5/2019	31	9/5/2016	\$304.87	\$9,164.25
ESP121121		100.000%	1.750%	1/5/2018	17	9/5/2016	\$130.42	\$2,394.28
ESP121201		100.000%	3.750%	2/5/2020	42	9/5/2016	\$72.58	\$2,806.42
ESP121204		100.000%	1.750%	3/5/2018	19	9/5/2016	\$136.73	\$2,658.91
ESP130103		100.000%	1.750%	4/5/2018	20	9/5/2016	\$187.54	\$3,816.10
ESP130105		100.000%	1.750%	3/5/2018	19	9/5/2016	\$257.08	\$4,995.83
ESP130404		100.000%	4.750%	6/5/2018	22	9/5/2016	\$86.12	\$1,828.06
ESP130820		100.000%	1.750%	10/5/2018	26	9/5/2016	\$99.57	\$1,651.91
ESP140403		100.000%	1.750%	6/5/2021	58	9/5/2016	\$81.05	\$4,372.00
ESP140404		100.000%	1.750%	6/5/2019	34	10/5/2016	\$100.12	\$3,225.82
ESP140428		100.000%	1.750%	7/5/2019	35	9/5/2016	\$81.71	\$2,779.24
ESP140514		100.000%	2.750%	9/5/2021	61	9/5/2016	\$121.40	\$6,688.99

INVESTMENT PORTFOLIO AS OF 8/31/2016

Loan Account	Borrower Name	Pct Owned	Interest Rate	Maturity Date	Term Left	Next Payment	Regular Payment	Loan Balance
ESP140623	Names redacted	100.000%	1.750%	9/5/2019	37	9/5/2016	\$212.98	\$7,615.87
ESP140701		100.000%	1.750%	9/5/2019	37	9/5/2016	\$218.82	\$7,832.49
ESP140802		100.000%	1.750%	10/5/2019	38	9/5/2016	\$274.54	\$10,059.96
ESP140902		100.000%	1.750%	12/5/2019	40	9/5/2016	\$88.94	\$3,431.03
ESP141101		100.000%	1.750%	1/5/2020	41	9/5/2016	\$126.79	\$4,992.73
ESP141112		100.000%	1.750%	1/5/2020	41	9/5/2016	\$48.96	\$1,928.08
ESP1411120		100.000%	2.750%	2/5/2020	42	9/5/2016	\$138.80	\$5,483.95
ESP150103		100.000%	3.750%	5/5/2022	69	9/5/2016	\$144.89	\$8,635.42
ESP150301		100.000%	1.750%	8/11/2020	48	10/5/2016	\$207.25	\$9,423.31
ESP150307		100.000%	1.750%	6/5/2020	46	9/5/2016	\$148.72	\$6,510.02
ESP150319		100.000%	1.750%	5/5/2020	45	9/5/2016	\$92.30	\$3,956.13
ESP150629		100.000%	1.750%	9/5/2020	49	9/5/2016	\$457.60	\$21,141.19
ESP150631		100.000%	1.750%	9/5/2020	49	9/5/2016	\$376.91	\$17,442.93
ESP150714		100.000%	1.750%	8/5/2020	48	9/5/2016	\$167.26	\$7,746.46
ESP150723		100.000%	1.750%	10/5/2020	50	9/5/2016	\$274.54	\$12,931.41
ESP150811		100.000%	2.750%	11/5/2020	51	10/5/2016	\$24.34	\$1,165.09
ESP150903		100.000%	1.750%	10/5/2020	50	9/5/2016	\$168.30	\$7,927.50
ESP151108		100.000%	1.750%	4/5/2021	56	9/5/2016	\$457.60	\$23,838.85
ESP151115		100.000%	4.750%	12/1/2020	52	9/5/2016	\$27.62	\$1,261.75
ESP151209		100.000%	4.250%	4/5/2026	116	9/5/2016	\$280.70	\$24,591.94
ESP160213	100.000%	1.750%	6/5/2021	58	9/5/2016	\$229.94	\$12,400.35	
ESP160305	100.000%	1.750%	7/5/2021	59	9/5/2016	\$113.85	\$6,220.00	
ESP160310	100.000%	1.750%	6/5/2021	58	9/5/2016	\$56.65	\$3,047.26	
ESP160613	100.000%	2.750%	9/5/2021	61	9/5/2016	\$81.49	\$4,344.66	
Current Portfolio Yield: 2.208%							\$6,180.40	\$265,522.58

FUNDING ACTIVITY

Transaction Date	Reference	Loan Account	Borrower Name	Amount Funded
				\$0.00

ACCOUNT ACTIVITY

Transaction Date	Check# or Reference	Loan Account	Transaction Amount	Serv. Fees	Interest	Principal	Distribution	Charges	Other	Trust
⚡			\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00

⚡ = Electronic Payment

To: GCE and CORE Boards of Directors

From: CLEER and CORE staff

Re: Proposed action items for GCE-CORE joint efforts to maximize results on energy efficiency, clean energy and alternative fuels

Date: September 7, 2016

Background

Over the last several years there has been increasing interest in how organizations in the Garfield-Pitkin-Eagle region with similar clean energy missions can work together to achieve greater results. Most recently, the CORE board asked the GCE board for a joint meeting. September 9th was set for this joint meeting. The GCE board requested that the joint meeting agenda include specific action proposals to ensure tangible results. This memo is an effort by CLEER and CORE staff to respond to the Board request for specific action proposals that could lead to greater measureable results.

Goals and targets that provide a common starting point for proposed actions:

Here is a list of related targets from organizations/member governments. Some use different metrics but are united by three methods that are essential for reaching targets: *increasing energy efficiency, increasing clean energy, and alternative fuels.*

- **Garfield Clean Energy** (9 government partners-6 towns, County, RFTA and CMC): 20% increase in energy efficiency by 2030; 25% increase in local renewable energy by 2020; 20% increase in petroleum independence by 2020 – all over 2009, and as a means to a more resilient, energy secure economy. (These goals are being updated and Xcel Energy Partners in Energy planning process will help with quantifying what is needed to reach these goals. GCE member governments have adopted these goals and also use them as targets for government buildings.)
- **CORE partners** have emissions reduction goals: (CORE does not have targets)
Aspen - 30% below 2004 levels by 2020, 80% below 2004 levels by 2020
Pitkin - 20% below 2009 levels by 2020
Basalt - in progress of adopting goal
TOSV - 20% below 2009 levels by 2020.
- **Related Partner targets:**
 - Colorado Mountain College: Carbon neutral by 2050
 - 2020: 20% including energy efficiency measures on existing buildings, future building construction, and 940 kW of on-site solar PV
 - 2030: 45% the way to 2050 goal
 - 2040: 75% of the way to 2050 goal
 - Holy Cross Energy: Renewable Energy: 30% by 2020; 35% by 2025
 - Energy Smart Colorado, which includes 7 rural mountain communities, has adopted a goal of 20% reduction in energy use in 20% of homes by 2020.

- Xcel Energy: has relevant energy efficiency targets but too complicated to list here; 30% renewables by 2020.

Summary of proposed areas for joint action in the Parachute to Aspen region (the geographic region that connects both GCE and CORE)

- A. Data-Driven Strategic Energy Management Initiative for government buildings, with supporting Government Energy Fund
- B. Petroleum Independence program
- C. Low-Income/Senior Energy Efficiency Program
- D. Renewable Energy Initiative
- E. Growing incentives throughout the region

There are other related areas of action that both boards might be interested in as joint projects, but there is not enough time at the September 9 meeting to cover. They include:

- F. Parachute to Aspen Energy efficiency program for commercial/industrial energy users
- G. Regional, utility and statewide policy work
- H. Food for thought: Create one united Parachute to Aspen Clean Energy Collaborative: the members of CORE who are not already members of GCE join with the 9 GCE members.
- I. Energy Smart Colorado participation - provide Assessment, customer facing side is Energy Smart Colorado (Presentation at October meeting)

The following pages cover the following for each topic:

- Current Status
- Gaps, Needs, Opportunities
- Imagining the Future: What a joint approach might look like
- Actions and Decisions requested at September 9th meeting

A. Data-Driven Strategic Energy Management Initiative for government facilities, with supporting Government Energy Fund (Parachute to Aspen)

Current Status

Data-driven, strategic energy management is an approach that innovative utilities and energy efficiency organizations are offering to help institutions maximize energy savings, and is essential for organizations aiming for net-zero buildings.

Currently 90 buildings/facilities throughout Garfield County are tracking and managing energy use through Garfield Clean Energy Greening Government program. By monitoring energy use and engaging in behavior and operations changes, facilities have saved between 10% and 50% on energy costs since 2009.

The program includes ongoing energy data tracking, strategic energy management (includes behavior, operational, and building policy changes); ongoing facility manager trainings and support, extensive use of low-cost energy management approaches, technical assistance and coaching to identify energy saving opportunities, building energy improvements, and on-site renewable energy installations. The program is important for not only creating continual improvements on energy savings, but also for tracking the actual results of energy efficiency capital improvements and on-site renewable energy production to ensure systems are working as planned or modeled. The program also helps provide overall data on reaching overall community/countywide energy targets.

In addition to the 90 buildings in Garfield County, there are several facilities in neighboring counties that have started using the Building Energy Navigator, but are not part of GCE's overall program of strategic energy management. Aspen, Snowmass Village, Basalt and Pitkin County, Eagle County, and Colorado Mountain College (which is tracking energy use across all their campuses and buildings) are using the Building Energy Navigator through separate contracts with CLEER.

Gaps, Challenges, Opportunities

- There are many public buildings within communities that have energy and climate targets that could save a great deal of energy using the data-driven strategic energy management approach.
- There are many improvements and updates that could be made to the current GCE Greening Government program. The program was started at the beginning of a state grant, and there are opportunities to make it even stronger.
- The current patchwork aspect of some Aspen/Pitkin/Snowmass/Basalt buildings currently participating in program creates a bit of confusion among organizations. (Worded vaguely due to space constraints – we can elaborate.)
- A region-wide, higher capacity, consistent, best practices joint approach could create a more robust program that allows for a level of coaching, technical assistance, information sharing, and ongoing guidance and training to maximize the energy saving results.

- An accompanying “Greening Government Fund” would overcome the upfront cost barrier for all governments to make identified building energy improvements and cover the cost of initial data set-up. (Several regions in the Pacific Northwest offer this kind of program.)

Imagining the Future

- CORE and CLEER staff have been brainstorming on how a joint approach could help strengthen the current system, create even greater energy savings, and avoid the confusion of using different platforms in one region, in a region where communities are members of both CORE and GCE.
- A joint approach, Parachute to Aspen, could help maximize energy savings and emissions reductions from all public facilities throughout the region.
- Data-driven strategic energy management can typically cut energy costs by 10-20%; ongoing energy tracking is essential for maintaining high levels of energy performance and tracking performance of on-site renewable energy systems.
- Every participating government in region could be a model in using energy efficiently; saving on energy costs in public buildings is a fundamental starting point for reaching energy targets.
- Co-branded public websites/ create an opportunity to use buildings as an educational tool and portal for programs.
- A joint approach would allow for strengthening the education and training component, data analysis and feedback components; allow for upgrading the public kiosk component to share results and engage the public in other energy saving programs and maximize educational opportunities by engaging high school interns in the program.
- A joint approach would also create the ongoing culture and knowledge based in the region for long-term improvements.

Are there relevant examples from elsewhere of joint strategic energy management programs?

- [Oregon Energy Trust – Strategic Energy Management program](#)
- [Puget Sound Conservation Resource Management program](#)
- Many examples around the country of funds that specifically help local governments become as energy efficient as possible.

Action Steps and Decisions requested at September 9th meeting

Is there a way that GCE, CORE and CLEER could join forces to create the next phase of an improved, higher impact data-driven strategic energy management initiative for government buildings that could serve participating governments in the region?

If yes, the next step is proposal development for what a such program would look like. Developing the proposal would take staff time, and this cost would need to be covered. Staff time involved could add up to about \$3,000. GCE does not have the funding to cover this exploration.

B. Petroleum Independence Program (Parachute to Aspen)

Current status:

The Parachute to Aspen region shares an interest in an energy efficient, alternative fueled transportation system. Both GCE and CORE have been working on this issue – the description below summarizes GCE’s efforts.

GCE’s Petroleum Independence Program focuses on increasing use of alternative fuels, particularly compressed natural gas (CNG) and electric vehicles (EVs), and on encouraging people of all ages to use active transportation -- bicycling and walking -- for health and for energy conservation.

The region also benefits from the statewide Refuel Colorado Fleets program, funded by the Colorado Energy Office, which grew out of a grant that GCE/CLEER wrote and initially managed. Refuel provides coaching to private sector and government fleets to help them transition to alternative fuels. Refuel Colorado Fleets work is now occurring in all 64 counties of the State and has facilitated hundreds of alternative fleet purchases and 10+ CNG station projects across the State of Colorado. CLEER/GCE is responsible for Refuel services in a multi-county region on the western slope.

GCE’s efforts, coupled with Refuel-funded work, played a leading role in RFTA’s shift to CNG-fueled buses and an on-site fueling facility, installation of public CNG fueling stations in Parachute and Glenwood Springs (a third is in the works for Rifle) and an ongoing educational effort to expand the use of CNG vehicles in the region. Additionally, GCE and Refuel-funded work successfully lobbied for a fundamental change in the project eligibility of the energy impact grant program at the Department of Local Affairs to allow funding for alternative fuel vehicle purchases.

For EVs, GCE and Refuel have worked to build the number of public EV charge stations in the Aspen to Parachute region to 80+ stations with 160+ plugs, and to educate the public on the advantages of using electric vehicles. For EVs and for CNG, GCE has also worked closely with auto dealers to build their knowledge of CNG and EV technologies for sales and service.

For active transportation, GCE has grown its bicycling campaign to a five-month program, aligned with the National Bike Challenge, to encourage biking and transit throughout Garfield County. In 2016, about 200 riders have logged more than 50,000 miles of travel by bicycle, and some workplaces are tracking bus-riding miles as well.

Gaps, needs, opportunities:

Regional work on petroleum independence will reap far greater results.

Imagining the Future

GCE, CLEER and CORE have been increasingly working together on projects such as EV stations. This joint work has been made possible by outside funding from Refuel Colorado. There are many more opportunities for working together Aspen to Parachute on an overall

petroleum independence initiative, such as:

- EV support - expand public charging locations, utility rates, education and events, promote state incentives, provide coaching for Charge Ahead applicants. Collaborating on a regional EV group buy would be a key joint project that is ready for implementation using the tested SWEEP toolkit.
- Fleet support - fleet vehicle and future planning analysis, assist fleets in tapping funding opportunities, technical trainings.
- Policy support - working with elected officials, DOLA, CEO on funding or other initiatives that support widespread adoption of alternative fuel vehicles and fueling infrastructure.
- Innovation - develop pathways to develop biofuel and renewable fuel sources (landfill gas, wastewater, etc.); explore pilot projects to test innovative equipment.
- Carbon - pilot ways to capture and analyze live and crowd sourced transportation data on use patterns, etc. The goal would be to identify transportation energy usage patterns in time and place, in order to better track our region's fuel usage, quantify the carbon impacts, and design programs to reduce transportation carbon emissions.
- Region-wide program to encourage biking, bus riding, carpooling (Ride Garfield County expanded).
- Region-wide program to help students use alternative modes.

Actions and Decisions requested at September 9th meeting

Would CORE and GCE be interested in working together more on a regional approach to petroleum independence?

If yes, a near term step is a joint EV buy effort. This can be covered within existing scopes of work and funding, and staff will follow up on steps.

If there is greater interest beyond the joint EV buy, staff can provide a very conceptual list of possibilities, present to both boards, and determine which areas are worthy of greater investigation and would require funding.

C. Low-Income/Senior Energy Efficiency Program (Parachute to Aspen)

Current Status

GCE, CLEER, and CORE have partnered with Energy Outreach Colorado to implement the CARE program to residents in their respective counties. Together these programs have served 148 households in Garfield County and 69 in Pitkin County. Current low-income/senior programs are currently funded in a large part by Energy Outreach Colorado, along with leveraged funding from the utility companies. The partnership with EOC is key to the success of this program and the ability to bring in significant amount of funding. EOC requires local match, and requires that staffing costs are covered locally.

Gaps, Needs, Opportunities

According to the Colorado Department of Local Affairs 2015 data, Pitkin County has 20,296 jobs and 10,827 workers who live in Pitkin County, therefore about half of the people who work in Pitkin County travel from another county. According to 2015 data, Garfield County is home 20,283 households. Of those households, 29.4% fall below the 200% poverty threshold. Pitkin County is home to 17,357 people and 25% of the population (4,525) live at or below the same 200% poverty line. These include working class families struggling to make ends meet and retired families living on very limited incomes. Across our counties, we have a large number of families and residents who would benefit from income-qualified programs.

By directly helping families reduce their energy expenditures, families have more money to put towards their other vital needs, including food, medications, and education. In addition, lowering household energy costs helps address affordable housing challenges.

Imagining the Future

While our programs have achieved solid results, across the two counties there is significant additional need among low-income and senior residents, beyond the current capacity of the program. By pooling resources and joining forces, our teams could provide an efficiently run, high-impact program that reaches many more low-income households and seniors over the coming years.

Actions and Decisions requested at September 9th meeting

Would CORE and GCE want to work together to expand this program to better serve low-income and senior residents throughout our region?

Is there a strong likelihood that both organizations would be interested in helping to fund a joint program?

If yes, staff will develop a joint proposal to bring back to both boards. (This can be done with a great deal of existing information so will not take very much time; no cost is listed.) The proposal could also explore options for creating a pool of funding, with Energy Outreach Colorado, that would provide zero-interest loans for “structural barrier” projects that would help efficiency projects move forward or radon mitigation. The proposal can also examine opportunities to partner with environmental health departments across Garfield, Eagle and Pitkin to find funding to implement healthy home assessments along

with the energy assessments that address the root causes of illness or asthma that a family might be experiencing.

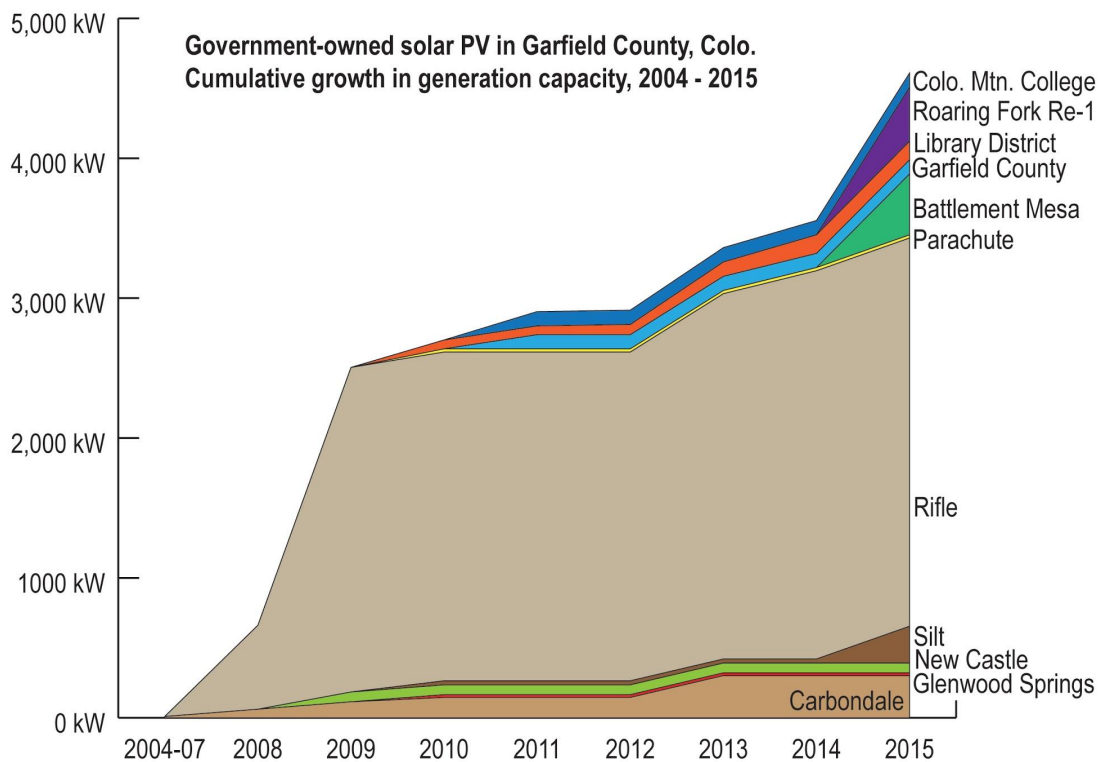
D. Renewable Energy Initiative (Parachute to Aspen)

Current Status

Both GCE and CORE share an interest in locally produced clean energy in our region.

CORE has offered rebates for renewable systems in the Roaring Fork Valley since 2001, which has played a key role in a very high rate of solar on homes and businesses compared to other places around the country.

Additionally, since 2008 solar on government owned facilities in Garfield County has grown to almost 4.5MW, which has also made Garfield County a national leader on the rate of solar implementation. See the chart below to see the growth. (This doesn't include the community solar that CEC has installed for Holy Cross customers in Garfield County or solar on private residences and businesses.)



Gaps, Needs, Opportunities

- With two Counties at the forefront of renewables and solar, we have an opportunity to continue pushing the envelope and look for ways for our entire region to continue to find new ways to encourage innovation on renewables region-wide.
- Garfield County has abundant opportunities for renewables including solar, geothermal, micro-hydro, and also sources such as coal seam and methane capture, that could be part of reaching regional energy targets and solutions.

- Our local utility, Holy Cross Energy, is starting to reach capacity for solar, especially in the Western part of the County. Micro-grid and storage technologies are part of pilot programs in other parts of the country.
- Utility dynamics and current methods for accelerating renewables (such as Power Purchase Agreements) are in a continual state of change; we will need to find new approaches to continue to grow local renewables.

Imagining the Future

Working together as one region on the topic of renewables could make it possible to make our region even more of a leader on renewables and energy innovation.

GCE and CORE could convene a meeting or workshop with experts to create a plan for taking renewables to the next level across the two Counties. Pilot programs with the utilities and large energy users might be an option to consider.

Actions and Decisions requested at September 9th meeting

Would CORE and GCE be interested in jointly planning and convening a renewable energy planning roundtable/scoping session of renewable energy experts to examine opportunities and barriers for next level of renewables investment, and create a plan for continued renewables progress in the Parachute to Aspen region?

If yes, what should be the target date be for the scoping session/roundtable?

If yes, could CORE and GCE both provide matching funding for the cost of organizing and holding the roundtable as a first step? (Estimated total cost about \$5,000)

The cost for creating a plan and next steps would result from the roundtable.

If yes, CLEER and CORE staff will map out the concept, budget, organize event; clarify outcomes and purpose.

E. Growing funding for incentives throughout the region (Parachute to Aspen)

Current Status

Residents and businesses from Aspen through the Roaring Fork portion of Garfield County have access to significantly greater energy efficiency and renewable energy rebates and incentives than residents in western Garfield County (New Castle, Silt, Rifle, Parachute, Battlement Mesa and unincorporated western Garfield.)

The greater availability of rebates and incentives in the Roaring Fork Valley are the result of funding distributed by CORE from the Aspen/Pitkin Renewable Energy Mitigation Program (REMP), as well as higher/more attractive Holy Cross Energy and Glenwood Springs Municipal Utility rebates compared to Xcel Energy incentives. A Department of Energy Grant and a Supplemental Environmental Grant provided funding for incentives in western Garfield County in the past, but those funds are no longer available.

In 2015 CORE distributed \$115,000 from REMF funding in the Roaring Fork portion of Garfield County. (Carbondale paid \$25,000 for CORE membership; Glenwood Springs paid \$15,000 for CORE membership.) The Renewable Energy Mitigation Program (REMP) was adopted in 2000 by the City of Aspen and Pitkin County as part of the energy code for residential homes. (Eagle County has a similar program – EcoBuild). Homeowners or business owners have the option to mitigate for excess exterior energy consumption (items such as snowmelt, pools, and spas) on site or pay a fee. Since its start REMF has collected \$12 Million; REMF collects on average \$1 Million/YR. REMF funds are currently guided by a policy that limits their use to the Roaring Fork Valley.

Gaps, Needs, Opportunities

- Offering consistent rebates from Parachute to Aspen would reduce confusion among customers and contractors, help achieve shared goals, and help to expand economic development throughout the region.
- Lack of comparable incentives in western Garfield communities results in fewer households and businesses making energy improvements.
- Energy Smart Colorado will be asking GCE to join Energy Smart in October. Without the funding sources currently available from Aspen to Glenwood Springs to buy down costs of energy assessments, cover incentives and program costs the Energy Smart model does not offer an advantage over existing energy efficiency programs.

Imagining the Future

A consistent and sustainable level of rebates and incentives throughout the region would increase results and reduce confusion.

Actions and decisions:

Is there a way that the policy restricting use of REMF funding to the Roaring Fork Valley could be relaxed so that the amount currently spent in Garfield County could be used as a match throughout the county to grow additional funding sources to create consistent levels? (This is not a request for increasing the amount, rather opening the possibility to use the amount as a match countywide, as a catalyst to increase overall sources.)