

AGENDA

Agenda Item	Requested action	Est time
Roll Call		1:00 pm
Approval of minutes: June 10, 2009 <i>pgs 2-5</i>	Motion to approve.	1:05 pm
Board member and public comment for items not on the agenda.		1:10 pm
State climate committee appointment: Keith Lambert	Information	1:15 pm
Presentations and progress updates (to be presented at meeting) <ul style="list-style-type: none"> - Residential programs - Greening government - Commercial programs - Renewable energy - Clean energy transportation and community design - Clean Energy Financing - Overall draft calendar, next 6 months 	Information and discussion	1:25 pm
Determine date for committee meeting on energy efficiency/performance contracting in public buildings- steps toward joint RFP	July 17 or July 24 so GEO point people can attend	2:30 pm
Federal EEC Block grant and other potential upcoming grant opportunities	Information, discussion	2:35 pm
Garfield County reports, Jim Rada, <i>pgs 6-9</i>	Information	2:45 pm
Set agenda for August meeting – discuss possible cancellation of August meeting.		2:55 pm
Adjourn	Information	3:00



Town of Parachute | City of Rifle | Town of Silt | Town of New Castle | City of Glenwood Springs | Town of Carbondale
Garfield County | Garfield County Public Library District | Roaring Fork Transportation Authority
Colorado Department of Local Affairs | Governor's Energy Office

Garfield New Energy Communities Initiative Advisory Board Meeting Minutes

Wednesday, June 10, 1:08 to 2:58 p.m.

Garfield County Human Services Building, 195 W. 14th St., Rifle

Board members present:

Garfield Library District: Amelia Shelley

Rifle: Keith Lambert

Silt: Meredith Robinson

New Castle: Greg Russi

Glenwood Springs: David Sturges

Carbondale: Michael Hassig

RFTA: Ed Cortez, Tari Williams

Board members not present:

Garfield County

Town of Parachute

Others attending:

Special guests: Governor's Energy Office staff: Jennifer Hampton, public outreach manager;
Brittany Purdum, communications associate; Stacey Proctor, community network coordinator

Garfield County: Jim Rada, environmental health manager; Bob Prendergast, finance officer

Rifle: Mike Braaten, government affairs and energy coordinator; Nathan Lindquist, planner

Silt: Betsy Suerth, town administrator

CLEER: Alice Laird, Heather McGregor, staff

General public: Steve Haines, Sunsense; Eric Wahl, Dave Shiney, Kim Goossens-Randell,
Colorado Solar

Next meeting

Wednesday, July 8, 2009, 1-3 p.m.,

Garfield County Administration Building, 108 8th St., Glenwood Springs

Action and discussion

Approval of minutes from May 13, 2009, meeting: Moved by David Sturges, seconded by Meredith Robinson, no discussion, motion passed unanimously.

Conversation with Governor's Energy Office staff

Jennifer Hampton, public outreach manager; Brittany Purdum, communications associate; Stacey Proctor, community network coordinator

- Jennifer Hampton briefed the board on GEO's plan to update its outreach program as part of the larger program expansions funded by the federal stimulus bill. The goal is to tailor information from GEO on what people need, rather than organizing the information based on the agency's programs. "We want to be consumer-centric rather than program-centric," Hampton said. Plans include a more robust website, a call center, and marketing that points people toward those information resources. GEO plans to work closely with community organizations such as G-NECI to complement, rather than duplicate services. The website could be up and running by end of the year.
- Brittany Purdum and Stacey Proctor are working with community partners across the state to provide \$80 million in federal stimulus funding for home weatherization work for low-income residents. In Garfield County, these services are provided by Northwest Council of Governments.
- Board members asked if GEO would continue its solar rebates program. Hampton said the agency will continue the program, but revise it to achieve parity in rebates across the state.

Presentation: Mike Braaten, City of Rifle

- Rifle City Council has let a contract for \$36,012 to purchase LED modules for 21 streetlights to be installed on Third Street in downtown Rifle. The G-NECI budget includes \$30,000 for this project. The Rifle Downtown Development Authority will pay the remainder. The lights are on back order with the manufacturer; delivery is expected in two months. The lights are expected to use 40 percent of the electricity of the lights in place now, and will have downcast reflectors to avoid light pollution and glare.
- Arguments presented by the city of Rifle have resulted in a favorable recommendation to lift the present 2-megawatt size limit on renewable energy installations by customers of investor-owned utilities. A state administrative law judge has recommended that customers of investor-owned utilities, such as Xcel Energy, should be allowed to install renewable energy facilities that can generate up to 120 percent of their annual electric needs. If the PUC upholds the judge's recommendation, Rifle could expand the solar array at its new wastewater treatment plant to supply the plant's full electrical needs.

Comment: Greg Russi on microhydro

- Greg Russi and Joani Matranga have met with staff from Sens. Michael Bennet and Mark Udall and U.S. Rep. John Salazar to discuss federal permitting for micro-hydro energy installations. At present, the Federal Energy Regulatory Commission has a lengthy and costly process in place for all hydroelectric permits. Conversations are now under way with officials at the Colo. Dept. of Natural Resources to see if the agency could take on a delegation of that permitting authority from FERC for micro-hydro facilities.

Performance Contracting MOUs: Alice Laird and Betsy Suerth

- Parachute has signed, Glenwood Springs has signed for Community Center, Carbondale and New Castle have it scheduled for later this month, Silt is definitely interested. It's important to GEO that all G-NECI partners sign the MOU.
- Betsy recommended forming a committee of participating partners to select an energy services company. This can be done any of three ways: through a full RFP process, by selecting three companies and conducting interviews, or by selecting one company from the state's list of approved ESCo's. Committee should develop a vetting process.
- Would be beneficial to have Garfield County as a partner since it has so many buildings, but want to avoid county's RFP process.
- Process is flexible, with two tiers of action. Start with the audit, then choose how to finance improvements.
- Suggested committee members: Betsy Suerth for Town of Silt, Tom Baker or Michael Hassig for Town of Carbondale, reps from City of Rifle, Town of New Castle and RFTA. Betsy will set up the first meeting.

G-NECI program update: attached

In addition, these updates were shared:

- New Castle had a pre-RFP meeting for its solar PV project that drew six prospective bidders. The town is asking bidders to leverage its G-NECI renewable energy funding with a power purchase agreement.
- Amelia Shelley is using LEED architect Jeff Dickinson of the CLEER team to do energy modeling for new library. A contentious issue of LEED certification is preferred parking for energy efficient vehicles. The library board is visiting a new straw bale library recently built in Naturita at \$160 a square foot.
- The pilot Energy Star online tracking in Carbondale is moving forward. CMC and Alpine Bank are partnering on the project. It's a great tool for tracking energy use and affecting change, but is proving to be a real learning process. Hope to roll out Carbondale pilot in July. Once we get the kinks worked out, we can determine which community willing to be next guinea pig.

Garfield County update: Jim Rada and Bob Prendergast

- The deadline to submit the Energy Efficiency Community Block Grant request to the U.S. Dept. of Energy is June 25.
- The G-NECI bank account has a \$252,000 balance, with \$103,000 receivable from Glenwood Springs. Cockpit charts are included in meeting packet.

GEO clean energy financing efforts: Alice Laird

- Governor's Energy Office is exploring a statewide program, which may eliminate the need for a local program. Laird advised waiting to see what GEO proposes.
- Garfield County did not present information on a demand study. The G-NECI Advisory Board will have to evaluate whether that is a worthwhile expenditure.
- Is the state looking at something like soil conservation or water conservation districts?
- Greg Russi suggested asking state Rep. Kathleen Curry to carry a bill allowing multi-county financing districts.

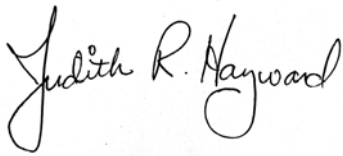
Next meeting agenda:

- G-NECI program updates and presentations
- Information on Boulder County bond sale results
- Results of renewable energy evaluation bidding process
- Progress by Performance Contracting Committee
- Summary of submitted EEC Block Grant proposal

The meeting adjourned at 2:58 p.m.

These minutes were reviewed and approved by a vote of the Garfield New Energy Communities Initiative Advisory Board on July 8, 2009.

Signed by:

A handwritten signature in black ink that reads "Judith R. Hayward". The signature is written in a cursive style with a large, looped 'J' and 'H'.

Judith R. Hayward, Advisory Board Secretary

Attachments

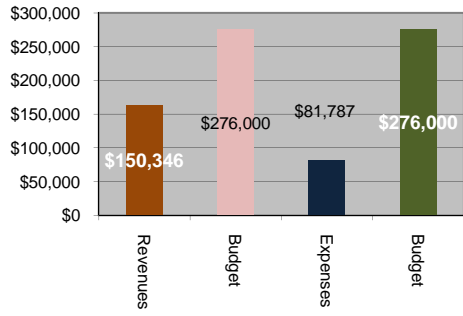
Garfield NECI Upcoming Events (program update)
GEO Facility Owner's MOU
GEO Strategic Goals and Objectives for ARRA

Garfield New Energy Communities Initiative Operations Statistics		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	2009 Totals	2009 Budget	Ovr/Undr Budget
CLEER P.O. (Vendor #5180)											
Fin	P.O. Awarded			\$ 80,000					\$ 80,000		
Fin	Payments			\$ (19,320)	\$ (17,717)	\$ (26,439)	\$ (16,524)		\$ (80,000)		
Calc	Remaining Balance	\$ -	\$ -	\$ 60,680	\$ (17,717)	\$ (26,439)	\$ (16,524)	\$ -	\$ -		
CLEER P.O. (Vendor #5180)											
Fin	P.O. Awarded						604,000		\$ 604,000		
Fin	Payments						\$ (16,345)		\$ (16,345)		
Calc	Remaining Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 604,000	\$ (16,345)	\$ 587,655		
CL09001 - DOLA											
Fin	Grant Awarded			\$ 1,605,000					\$ 1,605,000		
Fin	Funds Received					\$ (37,037)	\$ (42,963)		\$ (80,000)		
Calc	Grant Remaining	\$ -	\$ -	\$ 1,605,000	\$ -	\$ 37,037	\$ 42,963	\$ -	\$ 1,525,001		
Exhibit D: DOLA (Revenues)											
Fin	1) Residential Programs and Services	4,500	69,000	60,000	5,250	8,596	15,628	-	162,974	\$ 276,000	(113,026)
Fin	2) Commercial Programs and Services	-	20,000	115,000	-	2,625	525	-	138,150	\$ 227,500	(89,350)
Fin	3) Geening Government	4,500	76,000	-	5,000	2,646	2,485	-	90,631	\$ 1,585,000	(1,494,369)
Fin	4) Renewable Energy	-	15,000	-	21,000	5,313	578	-	41,891	\$ 1,005,000	(963,109)
Fin	5) Energy Efficient Transp & Community Design	-	20,000	-	20,000	5,950	7,297	-	53,247	\$ 90,000	(36,753)
Fin	6) Sustainability Team and Clean Energy Financing	21,000	-	31,000	20,000	15,907	16,450	-	104,357	\$ 456,000	(351,643)
Calc	Revenues Subtotal	\$ 30,000	\$ 200,000	\$ 206,000	\$ 71,250	\$ 41,037	\$ 42,963	\$ -	\$ 591,250	\$ 3,639,500	(3,048,250)
Exhibit D: DOLA (Expenditures)											
Fin	1) Residential Programs and Services	4,500	-	-	8,596	20,876	45,000	2,815	81,787	\$ 276,000	194,213
Fin	2) Commercial Programs and Services	-	-	-	2,625	525	45,000	910	49,060	\$ 227,500	178,440
Fin	3) Geening Government	4,500	-	-	2,646	2,485	-	1,925	11,556	\$ 1,585,000	1,573,444
Fin	4) Renewable Energy	-	-	-	1,313	578	-	770	2,661	\$ 1,005,000	1,002,339
Fin	5) Energy Efficient Transp & Community Design	-	-	-	5,950	7,297	-	3,045	16,292	\$ 90,000	73,708
Fin	6) Sustainability Team and Clean Energy Financing	21,000	-	-	15,907	16,450	-	7,280	60,637	\$ 456,000	395,363
Calc	Expenditures Subtotal	\$ 30,000	\$ -	\$ -	\$ 37,037	\$ 48,211	\$ 90,000	\$ 16,745	\$ 221,993	\$ 3,639,500	3,417,507
Calc	Total	\$ -	\$ 200,000	\$ 206,000	\$ 34,213	\$ (7,174)	\$ (47,037)	\$ (16,745)	\$ 369,257	\$ -	369,257
CL09002-GEO SOLAR REBATES GRANT(PO# 09-172)											
Fin	Grant Awarded		\$ 45,000						\$ 45,000		
Fin	Funds Received								\$ -		
Calc	Grant Remaining	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000		
GEO SOLAR REBATES											
CLEER	Retrofit # of Homes	-	-	-	-	5	-	-	5		
CLEER	Amount of KW	-	-	-	-	16.6	-	-	16.6		
CLEER	Retrofit # of Commercial Buildings	-	-	-	-	3	-	-	3		
CLEER	Amount of KW	-	-	-	-	14.5	-	-	14.5		
GEO SOLAR REBATES GRANT (Revenues)											
Fin	GEO Revenues								\$ -		
Fin	GWS Revenues			45,000					\$ 45,000		
Calc	Revenues Subtotal	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	
GEO SOLAR REBATES GRANT (Expenses)											
Fin	GWS - Private Residence					\$ (45,000)			\$ (45,000)		
Fin	GWS - Commercial Residence					\$ (45,000)			\$ (45,000)		
Calc	Expenditures Subtotal	\$ -	\$ -	\$ -	\$ -	\$ (90,000)	\$ -	\$ -	\$ (90,000)	\$ -	
Calc	Total	\$ -	\$ -	\$ 45,000	\$ -	\$ (90,000)	\$ -	\$ -	\$ (45,000)	\$ -	
CL09003 - GEO ENERGY STAR HOMES (PO# 09-137)											
Fin	Grant Awarded	\$ 21,000							\$ 21,000		
Fin	Funds Received				\$ (5,250)				\$ (5,250)		
Calc	Grant Remaining	\$ 21,000	\$ -	\$ -	\$ 5,250	\$ -	\$ -	\$ -	\$ 15,750		

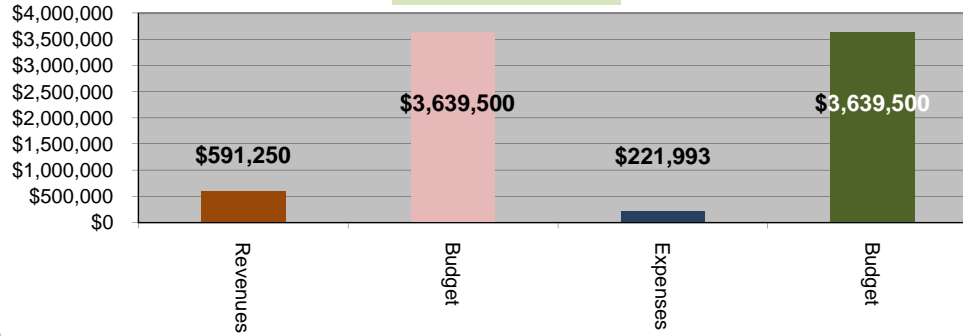
Garfield New Energy Communities Initiative Operations Statistics		Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	2009 Totals	2009 Budget	Ovr/Undr Budget
GEO ENERGY STAR HOMES											
Fin	# of Homes	-	-	-	-	-	-	-	-		
Fin	Amount of Energy Saved	-	-	-	-	-	-	-	-		
GEO ENERGY STAR HOMES (Rev & Exp)											
Fin	Revenues				\$ 5,250				\$ 5,250		
Fin	Expenses					\$ (425)			\$ (425)		
Calc	Total	\$ -	\$ -	\$ -	\$ 5,250	\$ (425)	\$ -	\$ -	\$ 4,825		
CL09004 - GEO INSULATE COLORADO											
Fin	Grant Awarded (\$17.5k-'09 & \$7.5k-'10)	\$ 25,000							\$ 25,000		
Fin	Funds Received								\$ -		
Calc	Grant Remaining	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000		
GEO INSULATE COLORADO											
Fin	# of Homes	-	-	-	-	-	-	-	-		
Fin	Amount of Energy Saved	-	-	-	-	-	-	-	-		
GEO INSULATE COLORADO (Rev & Exp)											
Fin	Revenues								\$ -		
Fin	Expenses					\$ (4,823)		\$ (570)	\$ (5,393)		
Calc	Total	\$ -	\$ -	\$ -	\$ -	\$ 4,823	\$ -	\$ 570	\$ (5,393)		
CL09005 - GEO SOLAR HOT WATER											
Fin	Grant Awarded								\$ -		
Fin	Funds Received								\$ -		
Calc	Grant Remaining	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
GEO SOLAR HOT WATER											
Fin	# of Homes	-	-	-	-	-	-	-	-		
Fin	Amount of Hot Water Produced	-	-	-	-	-	-	-	-		
GEO SOLAR HOT WATER (Rev & Exp)											
Fin	Revenues								\$ -		
Fin	Expenses								\$ -		
Calc	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
ELEMENTAL INCOME STATEMENT (\$K)											
Fin	Local Government Grants	30	-	406	26	4	-	-	466		
Fin	Local Partner Grants (RFTA & Library)	-	-	-	40	-	-	-	40		
Fin	Community Partner Grants	-	-	-	-	-	-	-	-		
Fin	DOLA Proceeds	-	-	-	-	37	43	-	80		
Fin	GEO Proceeds	-	-	-	5	-	-	-	5		
Fin	Miscellaneous Revenue	-	-	-	-	-	-	-	-		
Calc	Total Revenue	30	-	406	71	41	43	-	591		
Fin	Project Management	(30)	-	-	(37)	(26)	(16)	(17)	(126)		
Fin	Services	-	-	-	-	(6)	-	-	(6)		
Fin	Supplies	-	-	-	-	(90)	-	-	(90)		
Fin	Other Expenses + Treasurer Fee	-	-	(2)	(1)	(1)	-	-	(4)		
Calc	Total Expenses	(30)	-	(2)	(38)	(123)	(16)	(17)	(226)		
Calc	Fund Balance Increase/(Decrease)	-	-	404	33	(82)	27	(17)	365		
Calc	LTD Fund Balance	-	-	404	437	355	382	-	365		
SELECTED BALANCE SHEET ACCOUNTS (\$K)											
Fin	Cash in Bank Treasurer (M-end Balance)	-	-	301	294	252	236	219	219		
Fin	A/R - MB (M-end Balance)	-	-	103	143	103	146	146	146		

GARFIELD COUNTY CLEER COCKPIT CHART 2009

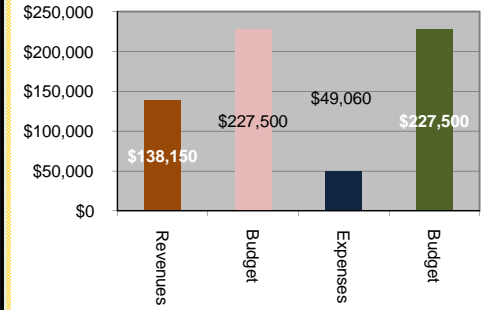
1). Residential Programs and Services



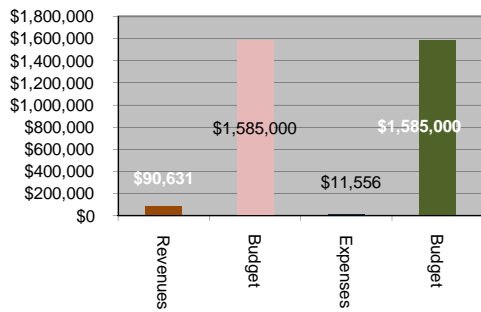
Total DOLA Grant



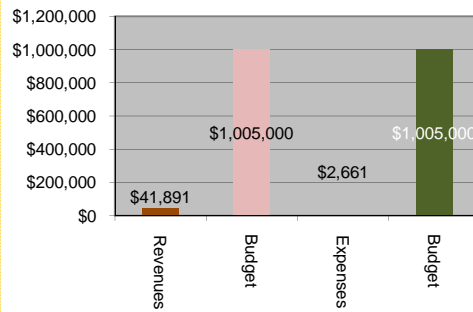
2). Commercial Programs and Services



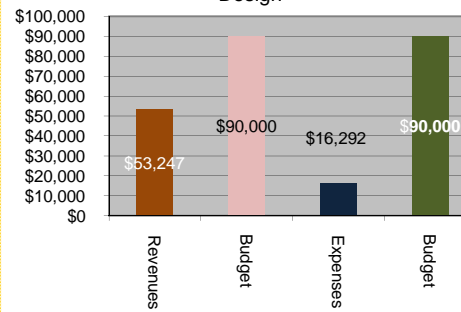
4). Greening Government



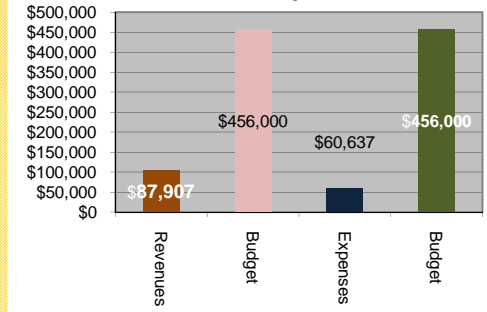
3). Renewable Energy



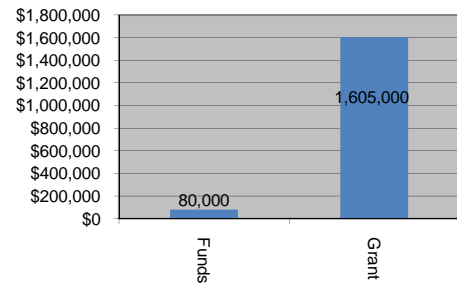
5). Energy Efficient Transp. & Community Design



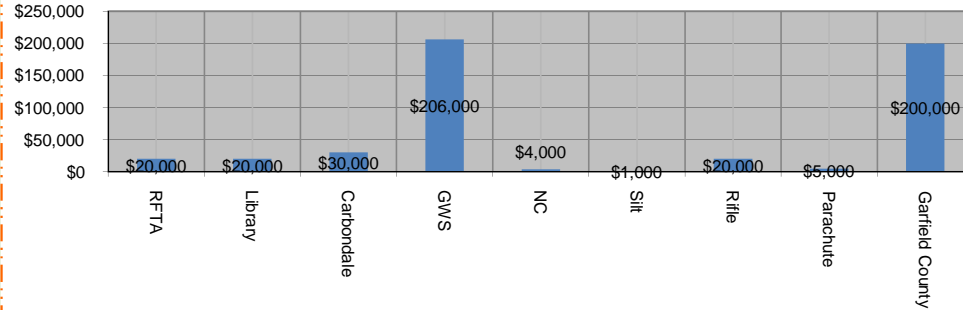
6). Sustainability Team and Clean Energy Financing



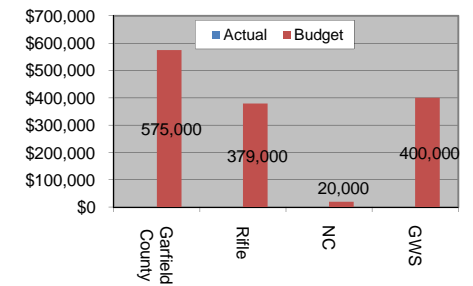
DOLA Reimbursement Grant



Local Cash Contribution

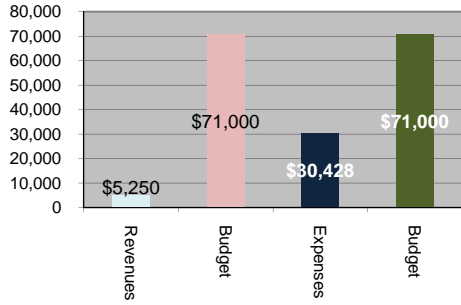


Local In-Kind Funds

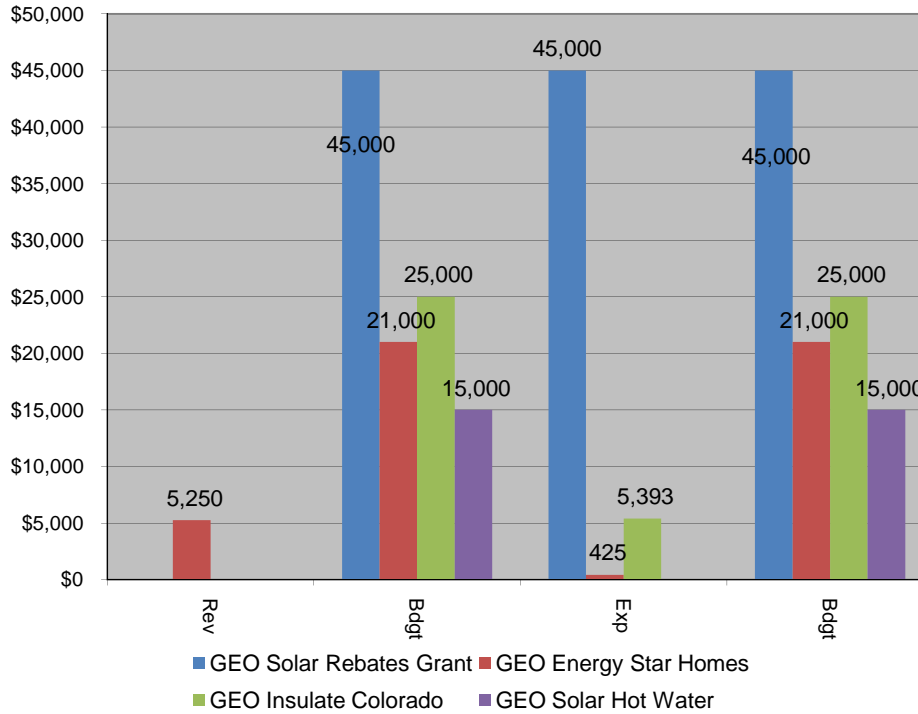


GARFIELD COUNTY CLEER COCKPIT CHART 2009

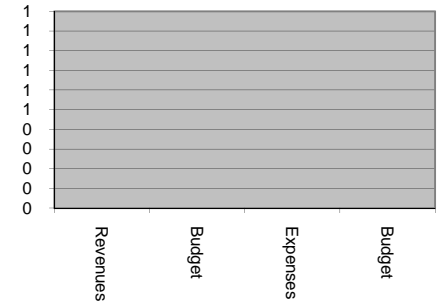
1). Residential Programs and Services



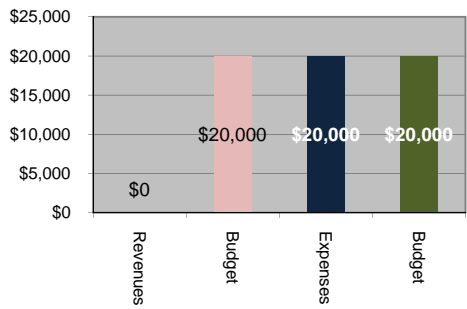
GEO Grants



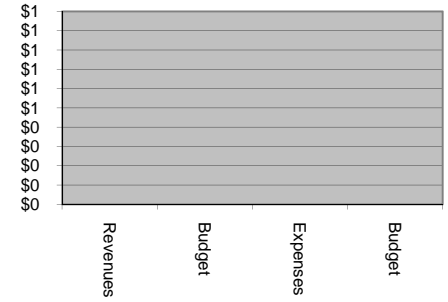
4). Greening Government



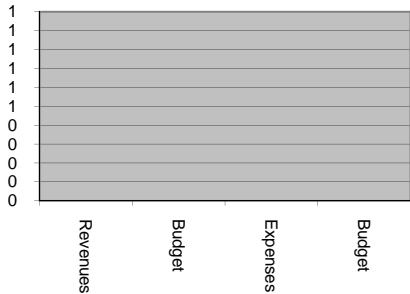
2). Commercial Programs and Services



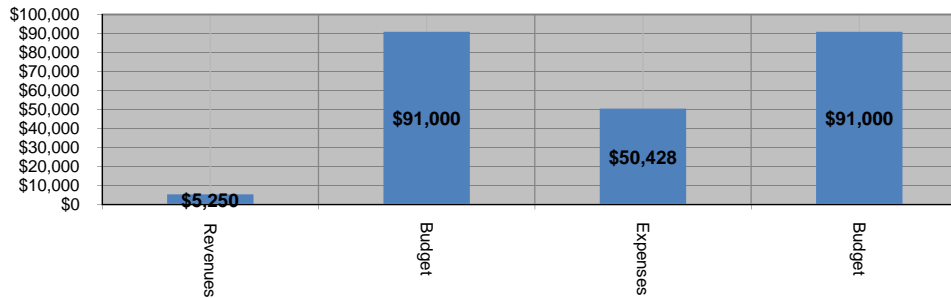
5). Energy Efficient Transp. & Community Design



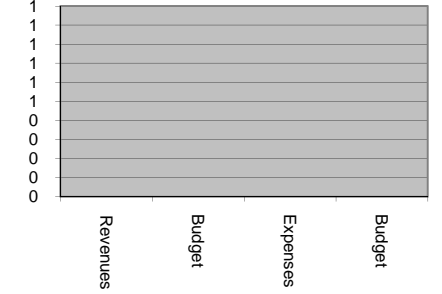
3). Renewable Energy



Total GEO Grants



6). Sustainability Team and Clean Energy Financing



Garfield NECI upcoming events

June 10, 2009

June 16, 3-6 p.m., Rifle City Hall: Energy Star New Homes hands-on training session, in collaboration with Habitat for Humanity, City of Rifle and Mountain to Mesa Homebuilders Association. First in a series associated with three new Habitat houses being built in Rifle. (free)

June 19, 8:30 a.m. to 2:30 p.m., Hotel Colorado, Glenwood Springs: Growing Cooler: Energy Efficient Land Use and Transportation Planning Systems workshop, featuring Reid Ewing and other experts on energy efficient community design, transportation. \$20 to cover lunch. Cosponsors include DOLA, Colorado APA, ULI, CDOT, RFTA, Sonoran Institute taking lead on organizing.

June through fall: Sonoran Institute is conducting code review work as a follow up to June 19 workshop. Project is intended to help communities in the area identify barriers and opportunities to energy-efficient land use within their zoning codes. Review is being conducted with Sonoran Institute in-kind and outside funds – no additional funds required by partner communities or GNECI. While the final report will be designed to inform all communities in Garfield County, Sonoran Institute is focusing on 2 – 3 communities, currently in conversations with Silt, New Castle and Rifle to determine who would like to participate.

June 22: Due date for bids for project analysis of Garfield NECI partner sites for renewable energy installations.

June 24: Bike to Work Day. Breakfast stands open 7 to 10 a.m. in Rifle, New Castle and Glenwood Springs. Event in collaboration with CDOT, RFTA, Lower Valley Trails (LOVA) and chamber

July: website roll-out

July 24-25, Parachute: Grand Valley Days booth: information for residents on energy saving opportunities and programs, increasing awareness of financial incentives. Raffle for a home energy audit, improvements (planned)

Aug. 1, Silt: Silt Hey Day booth: information for residents on energy saving opportunities and programs, increasing awareness of financial incentives. Raffle for a home energy audit, improvements (planned)

Late September, Countywide: Lighting campaign kick-off.

Ongoing late summer: start up of demonstration commercial business audit, retrofits.

**FACILITY OWNER'S MEMORANDUM OF
UNDERSTANDING**

**FOR THE GOVERNOR'S ENERGY OFFICE ENERGY
PERFORMANCE CONTRACTING PROGRAM**



THE GOVERNOR'S ENERGY OFFICE

1580 Logan Street, Suite 100

Denver, CO 80203

PLEASE SIGN **THREE (3) COPIES** AND RETURN TO:

GOVERNOR'S ENERGY OFFICE

ATTN: SEAN MANDEL

1580 LOGAN ST, SUITE 100

DENVER, CO 80203

FACILITY OWNER MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (MOU) is made this ___ day of _____ in the year 2008 between the State of Colorado Governor's Energy Office, hereinafter called GEO, and , _____ hereinafter called the Facility Owner.

WHEREAS, GEO, through its Energy Performance Contracting Program, used a state-approved Request for Proposals (RFP) process to select Energy Service Companies (ESCOs) to provide as-needed energy performance contracting services; and

WHEREAS, GEO will maintain a list of pre-qualified ESCOs that are eligible for final selection by Colorado's state and local governments to provide performance contracting services.

NOW, THEREFORE, it is agreed that:

1. Purpose of MOU. The purpose of this MOU is to provide Facility Owner access to the services and support provided under the Colorado Governor's Energy Office Energy Performance Contracting Program to assist in the development and implementation of Energy Performance Contracting (EPC) projects and to encourage the Facility Owner to follow and adhere to the guidelines of the program.

2. Term of MOU. This MOU becomes effective on the date signed by the Facility Owner and shall terminate on June 30, 2010, unless the Facility Owner elects to terminate it sooner.

3. Consideration. In consideration for the services rendered by the GEO under this MOU, the Facility Owner shall engage in a good faith effort to reduce its energy consumption through participation in the GEO EPC Program and follow and generally adhere to its guidelines, rules, and provisions.

4. Responsibilities of Facility Owner. The responsibilities of the Facility Owner include:

- a. Agree to program participation by executing a Facility Owner Memorandum of Understanding and engage the GEO EPC Program for assistance in project development
- b. Select an ESCO from GEO's current pre-qualified list, using a secondary selection process that fulfills Facility Owner's procurement policies.
- c. Assign members to the facility project team including operations, maintenance, financial and upper management personnel
- d. Ensure appropriate personnel attend project development meetings dependent upon the subject matter to be discussed
- e. Provide access and escort to buildings under reasonable conditions

-
- f. Provide information as needed for the feasibility study, the Technical Energy Audit, and other project development activities
 - g. Work with ESCO to develop/refine project parameters
 - h. Review/approve ESCO proposals, designs, and reports
 - i. Ensure recommendations of the GEO EPC Program during reviews are addressed to the extent that such recommendations are reasonable
 - j. Make payments for ESCO services per contract terms
 - k. Make arrangements for project financing
 - l. Provide project management
 - m. Provide information as needed for measurement and verification activities.

5. Responsibilities of GEO EPC Program. The responsibilities of the GEO EPC Program include, but are not necessarily limited to:

- a. Actively promote the program and educate potential participants about the benefits and implementation of energy performance contracts.
- b. Work with Facility Owners to become program participants and to commit to a Facility Owner MOU
- c. Help Facility Owner procure services of an ESCO from the pre-qualified list
- d. Provide information on the website for currently pre-qualified ESCOs, as provided and updated by the ESCO, providing a link to the ESCO's website for more detailed information.
- e. Help Facility Owner develop and initiate a performance contracting project
- f. Facilitate the performance contracting process, to help ensure commitments are met by both the Facility Owner and the ESCO
- g. Provide technical guidance to the Facility Owner, attending on-site meetings between the Facility Owner and ESCO as needed
- h. Help develop the GEO EPC Program Standard Technical Energy Audit and Energy Performance contracts with facility owner amendments as needed, for each project
- i. Review audits, proposals, calculations, contracts, and measurement and verification reports
- j. Monitor project implementation
- k. Identify solutions to mediate any conflicts between Facility Owner and ESCO.

6. THIS MOU IS NOT INTENDED TO CREATE, NOR WILL THIS MOU EVER BE CONSTRUED OR INTERPRETED AS CREATING, A BINDING AND LEGALLY ENFORCEABLE CONTRACT BETWEEN THE PARTIES. THERE WILL BE NO LEGAL OR EQUITABLE REMEDIES AVAILABLE TO EITHER PARTY IN THE EVENT EITHER PARTY FAILS TO FULLY COMPLY WITH THE PROVISIONS OF THIS MOU. THE SOLE REMEDY FOR THE FAILURE OF A PARTY TO FULLY COMPLY WITH THE PROVISIONS OF THIS MOU WILL BE TERMINATION OF THIS MOU.

7. **Signatures.** In witness thereof, the parties to this MOU, either personally or through their duly authorized representatives, have executed this MOU on the days and dates set out below, and certify that they have read, understood, and agreed to the terms and conditions of this MOU.

COLORADO GOVERNOR’S ENERGY OFFICE

Thomas Plant, Director

Date

Joel Asrael, Program Manager

Date

FACILITY OWNER

Name (print)

Signature

Date

PLEASE SIGN AND DATE **THREE (3) COPIES** AND RETURN TO:
GOVERNOR’S ENERGY OFFICE
ATTN: SEAN MANDEL
1580 LOGAN ST, SUITE 100
DENVER, CO 80203

CONTACT INFO SHEET

Please complete the following form and include with your MOU. This information is for GEO use only and will not be shared.

Primary Contact Info

Name _____.

Title _____.

Phone _____.

Email _____.

Address _____.

Project Info

Type of facilities included in your project

1. _____.

2. _____.

3. _____.

4. _____.

5. _____.

Have you selected an ESCO? Yes _____ No____
(ESCO)

Please list any immediate needs you have related to your performance contract.

<Organization Letterhead>

<Date>

Ms. Jean Lupinacci
Director, ENERGY STAR Commercial & Industrial Branch
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW (6202J)
Washington, DC 20460

Dear Ms. Lupinacci:

With this letter, **<Organization Name>** joins ENERGY STAR® as a Partner, and makes a fundamental commitment to protect the environment through the continuous improvement of our energy performance. We believe that an organization-wide energy management approach will help us enhance our financial health and aid in preserving the environment for future generations. In partnership with ENERGY STAR, we will:

- Measure and track the energy performance of our organization's facilities where possible by using tools such as those offered through ENERGY STAR
- Develop and implement a plan consistent with the ENERGY STAR Energy Management Guidelines to achieve energy savings
- Help spread the word about the importance of energy efficiency to our staff and community
- Support the ENERGY STAR Challenge, a national call-to-action to help improve the energy efficiency of America's commercial and industrial buildings by 10 percent or more
- Highlight our achievements with recognition offered through ENERGY STAR.

We understand that our commitment to measure, track, and improve the energy performance of our organization is supported by the resources and tools offered through ENERGY STAR. In addition, we understand that we will be recognized on the ENERGY STAR web site as a Partner and as a supporter of the ENERGY STAR Challenge. To be eligible for additional recognition, we will share with EPA our progress and milestone achievements. As a Partner, we agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks.

<Organization name> looks forward to our partnership with ENERGY STAR.

Sincerely,
<Name of Organization's Chief Executive>
<Title>
<Organization Name>

Attachment to Partnership Letter Organization Information

Chief Executive

Name & Title: _____
Mailing Address: _____

E-mail Address: _____
Phone Number: _____
Facsimile: _____

Energy Manager

Name & Title: _____
Mailing Address: _____

E-mail Address: _____
Phone Number: _____
Facsimile: _____

Communications Contact

Name & Title: _____
Mailing Address: _____

E-mail Address: _____
Phone Number: _____
Facsimile: _____

Organization's Primary Business or Function (check one):

- Commercial Real Estate
- Corporate Real Estate
- Multifamily Housing, *include:*
_____ Number of units owned/managed
- K-12 Education
- Higher Education
- State Government
- Local Government
- Federal Government
- Healthcare & Senior Care Facilities
- Hospitality & Entertainment
- Manufacturing/Industrial, *include:*
_____ NAICS code
_____ Number of Manufacturing Plants Operated in the United States
_____ Number of Employees in the United States
- Religious (Congregations)
- Retail
- Drinking Water Treatment and Distribution, *include:*
_____ Total Capacity (mgd)
- Wastewater Treatment, *include:*
_____ Total Capacity (mgd)
- Other. Describe: _____

Organization's total building/facility square footage (required):

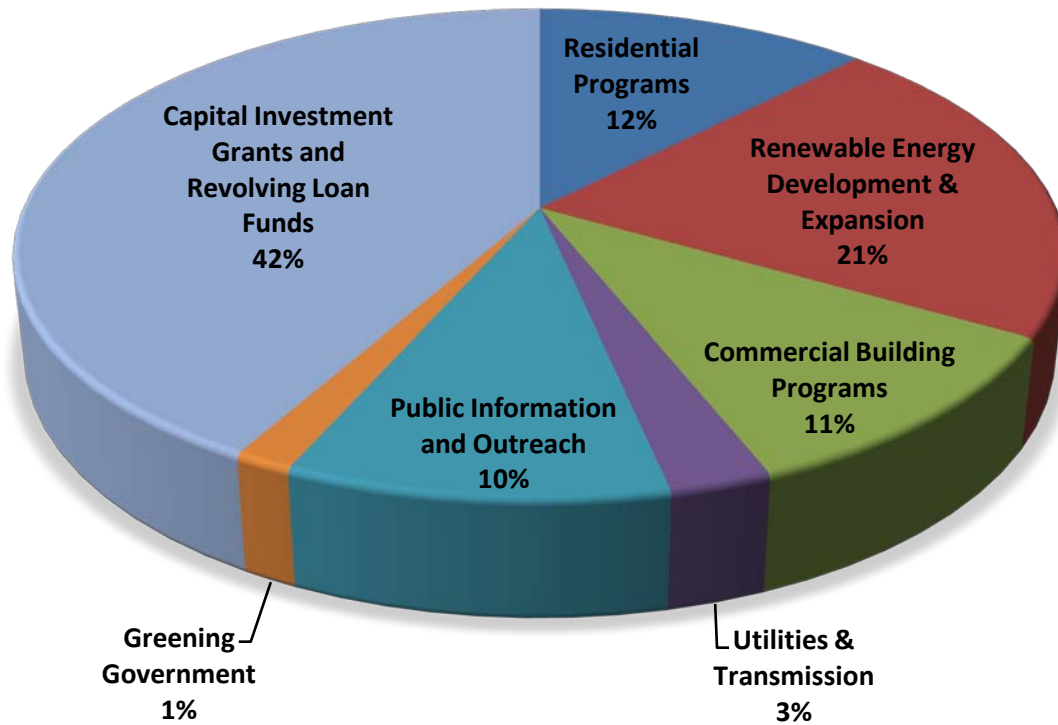
Owns _____
Leases _____
Manages _____

How did you learn about ENERGY STAR?

The government estimates the average time needed to fill out this form is 30 minutes and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.

Governor’s Energy Office Strategic Goals and Objectives for the American Recovery and Reinvestment Act funding of the State Energy Program

State Energy Program Resource Distribution



Overview

The Governor’s Energy Office has designed a strategic plan to implement the resources of the American Recovery and Reinvestment Act to maximize the objectives of job creation, job retention, energy resource development and greenhouse gas reduction. GEO is implementing the funds such that it creates the intended stimulative effect without creating a dependency.

We are doing this by addressing primary barriers to broad scale deployment of energy efficiency and renewable energy while developing a sustainable infrastructure to support the renewable and energy efficiency industries. Barriers addressed through the deployment of the ARRA funds include:

- Access to Services
- Access to Financing
- Access to Information

Within each of our programs we will tie back to the reduction of these three barriers, creating a long term, sustainable New Energy Economy Industry in Colorado that will continue after the ARRA funds have been depleted and the economy has recovered.

Programs funded with the state energy program funds under the American Recovery and Reinvestment Act include:

- Residential Programs
- Renewable Energy Programs
- Commercial Buildings Programs
- Public Information and Consumer Outreach
- Greening Government Programs
- Utility and Transmission Programs
- Financing and Capital Grants Programs

Programmatic funds will be leveraged using partnerships with local governments through through Energy Efficiency and Conservation Block Grant program as well as utilities and local non-profit community based organizations. Grants will further leverage private dollars to stretch the effectiveness of the federal investment throughout the state.

All investments from the State Energy Program are designed to address the primary objectives of the Recovery Act Funding Opportunity Announcement as articulated by the Department of Energy. Furthermore, investments will not include those elements specifically prohibited under the provisions of the DOE announcement. ARRA SEP money is prohibited:

- For construction, such as construction of mass transit systems and exclusive bus lanes, or for the construction or repair of buildings or structures,
- To purchase land, a building or structure or any interest therein,
- To subsidize fares for public transportation,
- To subsidize utility rate demonstrations or state tax credits for energy conservation or renewable energy measures, or
- To purchase equipment, conduct research, or engage in development or demonstration of energy efficiency or renewable energy techniques and technologies not commercially available.

Residential Programs\$5,688,328

The Governor's Energy Office residential program will work in three primary areas in support of the SEP strategic plan goals:

- Promoting advanced energy codes;
- Energy Efficiency in new home construction; and
- Existing home energy efficiency upgrades and improvements.

Energy Codes

In fiscal year 2008/2009 the GEO worked with all 64 counties in Colorado to help them adopt and enforce the latest energy codes by offering 12 trainings in different locations around the state. This code support will be increased in fiscal years 2010&2011, offering an additional 38 trainings throughout the state. A key additional component of the program in this grant period will provide ongoing energy code support to local jurisdictions through a third party contractor to ensure effective follow through of code implementation at the local level.

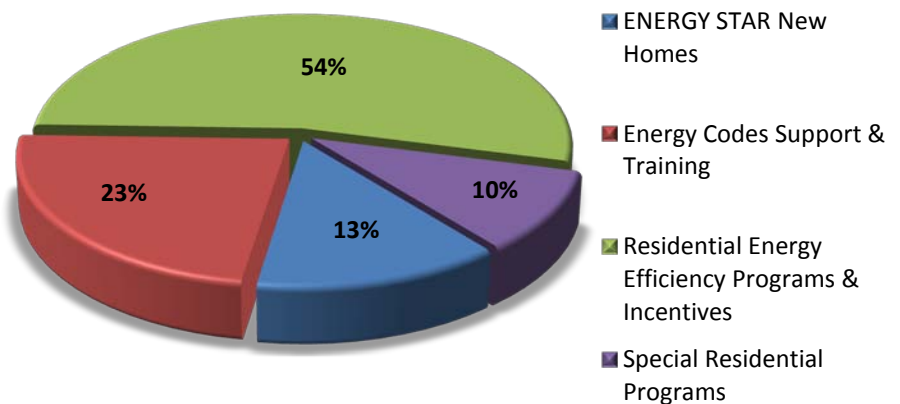
New Home Construction

The New Home Construction program utilizes the Environmental Protection Agency's (EPA) ENERGY STAR platform while engaging local cities, counties, utilities, non-profits, home builders' associations and other community organizations. In fiscal year 2010 & 2011, the GEO will provide building science, sales, real estate professional, contractor and general ENERGY STAR trainings locally. The GEO also will provide marketing, homebuilder rebates, consumer incentives and education statewide to support this effort. GEO will expand its current Fort Collins based ENERGY STAR Mortgage Pilot program to five more financing partners to provide homeowners with financing incentives to purchase an ENERGY STAR home. There will be a parallel program to support high performing communities that wish to implement programs to achieve higher than ENERGY STAR energy savings for new home construction. The GEO will also contract with an outside firm to develop a model energy efficiency design book to provide potential new home buyers with an outlet for stamped approved plans for energy efficient homes.

Existing Home Residential Energy Efficiency

The third area of work in which the GEO will apply funding is to advance energy efficiency in existing homes. The GEO will expand its current "Insulate Colorado" program to provide additional incentives available statewide. Furthermore, a new menu of incentives will be added to address duct sealing, furnace replacement, air sealing, lighting, appliance replacement and an energy audit subsidization program. The GEO will implement a new approach to bundle incentives for a "whole house tune-up" and accompany the full upgrade with vouchers toward the purchase of a Solar PV system for the home, supporting the principle of "efficiency first".

Residential Programs



GEO will also spearhead a statewide campaign in conjunction with libraries to allow residents to check out Kill-a-Watt energy meters, incentives for home energy monitors and a statewide campaign to raise awareness around energy consumption and measures homeowners can employ to reduce demand. The GEO will also host a conference each year of the grant period targeted at local government officials, homebuilders, realtors, the building industry, homeowners and small businesses to raise awareness around opportunities to increase efficiency in the residential housing markets.

Renewable Energy Development and Expansion..... \$9,775,334

Colorado’s Renewable Energy Incentive program expanded and established through the ARRA funds are designed to compliment existing utility incentives as well as creating partnership opportunities while stimulating the renewable energy market and reducing demand on the utility grid. GEO will also be spearheading a concerted effort to take advantage of our geothermal production potential and expand micro-hydro development opportunities.

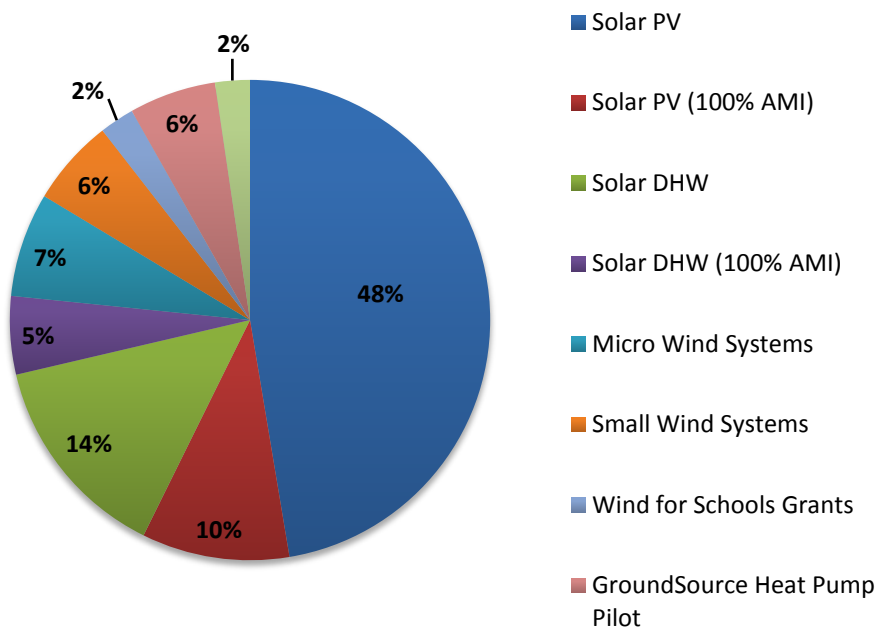
Rebates and Grants

The change in the economic conditions of Colorado and the US has forced thousands of renewable energy projects to be tabled until the credit markets begin investing again. Understanding the ARRA SEP funds are to be used to overcome the present financial barriers to investments in renewable energy, the Governor’s Energy Office will be expanding its current Renewable Energy Rebates and Grants Program substantially.

The total amount to be distributed through the Renewable Energy Rebates and Grants Program is approximately \$7.8M, with an additional 10% set aside for program administration and monitoring and verification requirements. The goal of this rebate program is to design incentive levels at approximately one third of the total project cost after all currently available state and federal incentives. The GEO anticipates making approximately 700 project awards through this program.

Thanks to Amendment 37 and HB 07-1281, Colorado’s Investor Owned Utilities (IOUs - Xcel and Black Hills) have already established significant solar PV program rebates. Rather than layering GEO’s PV rebates on top of those existing rebates for all customers within the IOU regions, GEO will focus the additional incentive toward those earning less than 100% of the Adjusted Median Income (AMI) to expand access to ownership for a population for whom the costs are currently prohibitive.

Renewable Energy Rebates



Renewable Energy Workforce Training

In order to ensure that all technologies can be deployed where best suited across the state, there is a need to provide training for those who want to design and install those technologies. As job retention and creation is an important aspect of the ARRA funding, GEO will partner with the appropriate institutions to ensure that trainings are held in geographic locations where the technologies can be deployed and jobs created and retained.

Renewable Energy Development Team (REDT)

The State of Colorado will develop the capacity to review and shepherd potential renewable energy projects fully through development process. GEO will create a Renewable Energy Development Team (REDT) that has the potential to both address supply side congestion for project development, and realize the goals of the ARRA and New Energy Economy primarily in green collar job creation and greenhouse gas emissions reduction. The REDT will include experts from the woody biomass, small hydro, solar electric and thermal, community wind and geothermal industries as well as finance and project development experts.

REDT will be responsible to assist in the development of specific projects through an early stage development pipeline while working closely with GEO's team.

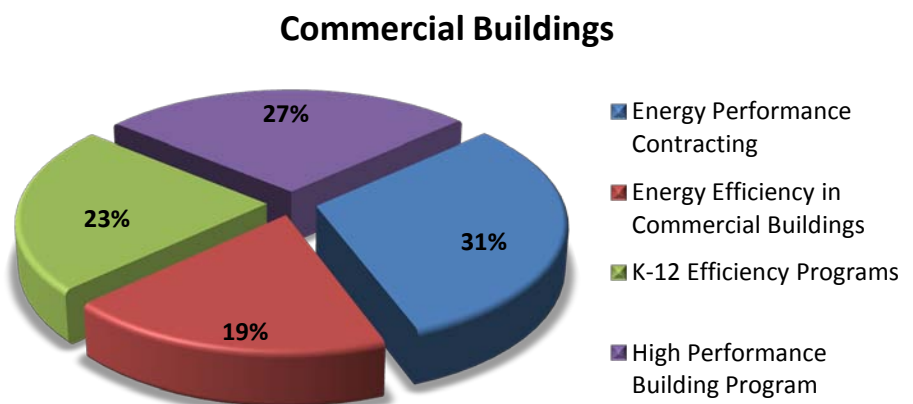
- **Phase 1 - Initial project development review.** Phase 1 essentially is a high level "go/no go" project screen that will determine the highest potential projects for development. For each of the technology areas, the REDT will develop a framework to screen projects.
- **Phase 2- Development assistance for a feasibility study.** Phase 2 is the beginning stages of a business plan for the project. It is anticipated that the REDT will review approximately 80 Phase 1 projects of which roughly 50% will move on to Phase 2.

Commercial Buildings.....\$4,938,258

The Governor's Energy Office Commercial Buildings Program focuses on both existing buildings as well as the high performance design of new commercial buildings.

Existing Buildings

The existing building program focuses on the effective use of a strong Energy Performance Contracting industry in Colorado. GEO has pre-approved 13 Energy Service Companies as bidders for public performance contracting projects. The Lawrence Berkeley Lab recently released a study showing that 25-30% of money invested by Energy Service Companies in a performance contract went directly to job operational costs. Performance Contracting will maximize the job creation objectives of the ARRA Funds.



The Energy Efficiency for Existing Buildings Program provides a host of sub programs to help state and local agencies reduce their energy and carbon emissions and participate in the New Energy Economy. These offerings include facilitating Energy Performance Contracts projects for public agencies throughout Colorado, providing energy management expertise to K-12 market, promoting and aiding in the wide spread installation of cost effective energy efficient technology, bringing innovative energy efficient technology into the market, bringing recognition to agencies on the forefront of energy efficiency and greenhouse gas emission reduction implementation.

The ARRA funds will further allow the GEO to provide an incentive for the private sector commercial facilities that can not currently participate in the performance contracting regime because their energy consumption is too low to attract private sector investment.

High Performance Buildings

The GEO High Performance Building Program addresses long-term market transformation in the field of energy efficient and high performance, green buildings. High Performance Building drives the value of the built environment in communities through a collaborative process encompassing funding, planning, design, construction, maintenance and operation. The program will achieve its goals through a combination of technical assistance to public agency new construction and major renovation projects, workshops and trainings and dissemination /development of tools and best practices.

The HPD program also relies on close collaboration with state agencies, local governments and public school districts to implement energy efficiency and green building policies, particularly the state's stringent high performance certification requirements, develop voluntary programs that impact new design and create sustained demand for skilled jobs in the design and construction industry.

Public Information and Consumer Outreach **\$4,762,490**

With 57 utilities in the state, 271 municipalities, and 64 counties, there are myriad incentives for both energy efficiency and renewable energy depending upon where a consumer resides. Combined with changing state and federal incentives, it is nearly impossible for an individual or business to ascertain what their best options are for efficiency and renewable products and make informed financial decisions.

The Governor's Energy Office will remove this information barrier by providing Colorado's residents and businesses with access to simple and accurate information about energy efficiency and renewable energy measures including, but not limited to, how they work, how they compare, what financial incentives exist to help pay for them and what service providers exist in the users' geographic location.

Not only will this investment provide ongoing support for consumers and businesses involved in energy efficiency and renewable energy projects, but it will also ensure the successful deployment of programs and incentives associated with ARRA funding resources.

GEO will create an innovative public outreach program that will:

- Present information in a simple and direct manner
- Push useful information to the forefront
- Avoid dense language
- Turn exploration & education moments into action moments
- Allow for stakeholders to participate by providing information about their efforts

With the above principles in mind, the GEO has identified the following strategies as part of its Access to Information efforts:

- Develop a Web strategy for residents and homeowners to receive information about EE and RE options, service providers and financing opportunities.
- Establish a telephone hotline for residents and homeowners to receive information about incentives, service providers and financing opportunities.
- Implement robust consumer outreach to publicize the methods of accessing the information and educational information to help consumers understand their choices.
- Engage local champions throughout the state to optimize and leverage outreach strategies and long term sustainability of efforts.

Finance/Capital Investments \$19,248,127

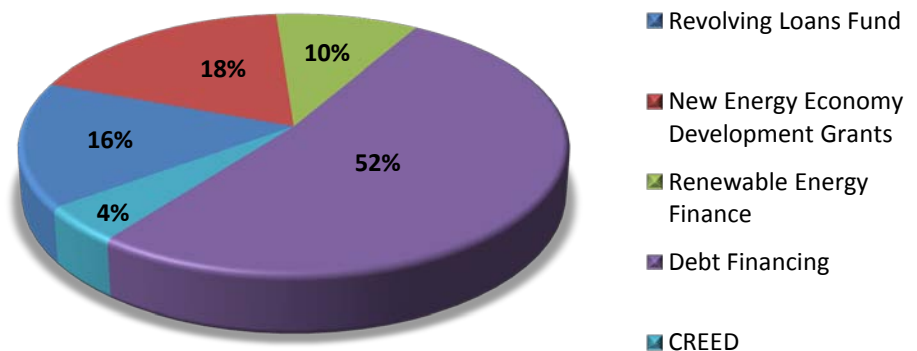
Upfront costs can keep an individual or a business from making cost effective investments in energy efficiency and renewable energy simply because of a lack of financing options. The Colorado Governor’s Energy Office will commit funds from the State Energy Program allocation for the purposes of providing a suite of products to reduce financial barriers to rapid deployment of renewable energy and energy efficiency in the State of Colorado.

Providing access to short term and intermediate low cost capital will address a significant market barrier within the State of Colorado for renewable energy and energy efficiency projects within the commercial and residential sectors. The purpose of the Capital Investment Program will be to provide a range of products that will provide a sustainable pool of capital, leverage further investment dollars, and accelerate the deployment of renewable energy and energy efficiency projects throughout the state. . The Capital Investment program will be subdivided into four major project categories.

Debt Financing

The debt financing project will deploy funds for the purposes of easing credit conditions for direct investment in renewable energy and energy efficiency measures. The current state of the credit market has increased risk aversion and general market barriers to accessing capital for the upfront costs of projects. The debt-financing program will focus on a leveraged partnership that will provide gap financing for a variety of clean energy technology projects.

Finance & Capital Investment Grants



New Energy Economy Development (NEED)

This grants program will infuse ARRA SEP funds immediately into projects that are at their final stages of development. Applicants will be evaluated by a scoring committee based on: extent of development jobs created; energy saved; renewable energy installed capacity and generated, GHG emissions reduced; energy cost savings; and funds leveraged. Additional objectives will be met through targeted grant criteria.

Revolving Loan Fund

A clean energy revolving loan fund will be administered by the Colorado Governor's Energy Office in conjunction with a select group of preferred lenders. The purpose of the revolving loan fund will be to provide low cost capital for banks to provide short and medium term loans for renewable energy and energy efficiency projects throughout the state.

Renewable Energy Financing Program

The program will work with the following financial mechanisms: CREBs/QECBs, a Solar Investment Tax Credit (ITC) Grant in Lieu of Tax Credit Loan Program and the K-12 Renewable Energy Loan Program through the Colorado State Treasury, as well as other opportunities arising in the course of the next two years.

The GEO will develop multiple solicitations for the projects outlined above. The content of these solicitations will align SEP dollars spent with key metrics including energy savings, job creation, and carbon emission reductions. The GEO will develop formal structures preserving state energy office control over project criteria and eligibility guidelines. The Public Private Partnership (PPP) will be determined through a formal bid process under the guidelines set within the SEP and in accordance with procurement rules as defined by the State of Colorado.

Colorado Center for Renewable Energy and Economic Development (CREED)

CREED is a cooperative program between Colorado and the National Renewable Energy Lab. The first of its kind in the nation, CREED will provide a crossroads facility for technology commercialization, where NREL scientists, engineers and researchers can meet, conference and discuss important technical, business market and policy issues with entrepreneurs, venture capital firms, angel investors, analysts and policymakers. It will be a home for state and regional initiatives that foster the creation of new businesses and will emphasize the commercial deployment of renewable energy and energy efficient technologies that emerge from NREL's technology transfer and commercialization programs. Funding will go toward operational expenses for a facility in which the activities of CREED will be initiated and capital financing for a permanent structure will be sought.

Greening Government\$723,348

Colorado's "Lead-by-Example" Program was established by the Greening Government Executive Orders signed by Governor Ritter during the first three months of his tenure as Governor. The Executive Orders call for state employees to take a position of leadership to reduce the environmental impact of state government operations. GEO works closely with state agencies, colleges, and university to help them achieve the greening government goals by 2012:

- 25% petroleum reduction
- 20% energy reduction
- 20% paper reduction
- 10% water reduction
- 75% waste diversion

Program offerings include facilitating Energy Performance Contracts projects and aiding in the wide spread installation of cost effective energy efficient and water-reduction technology, providing strategies and removing barriers to improve the efficiency of the state fleet, developing materials management programs, including an environmentally preferable purchasing policy.

Utilities & Transmission\$1,281,863

The Governor's Energy Office will be conducting a set of major education and outreach activities involving climate policy, electric generation, and general energy profile data on state utilities. The Governor has issued the Colorado Climate Action Plan (CAP) which outlines a 2020 goal of reducing CO2 emission by 20% from the electric, transportation and industrial sector. The Electric and Gas Utilities Program will be developing a suite of products which will create a strong vision for accomplishing the emission reduction goals within the CAP for utility customers, electric utilities and the Colorado legislature. In addition to these outreach activities, the GEO will be actively engaged in promoting Governor Ritter's New Energy Economy goals at the Colorado Public Utilities Commission. The coming years will present a significant opportunity to explore changes in rate structure which are in alignment with the objectives articulated in the Colorado Climate Action Plan. In addition to the rate case, there are future dockets on electric resource planning for both Black Hills Corporation and Public Service Company of Colorado. Effective intervention within these and other dockets can affect the size and scope of decision made by the Colorado Public Utilities Commission. Decisions made through these rulemaking exercises will have a large impact on the energy savings and renewable energy deployment goals of the state of Colorado. Through advocacy in support of expanded DSM and renewable energy objectives, this project area supports SEP Strategic Plan goals.

The primary activities which the Utilities Program will be conducting its work will be within the following categories:

- Public education to promote energy conservation
- Developing strategic plans for long term resource planning that optimize energy efficiency and renewable energy into the aggregate electrical load for the state
- Introducing energy saving technologies in the industry, buildings, transportation and utility sectors and encourage state and industry partnerships that develop and demonstrate advance in energy efficiency and clean technologies
- Modify patterns of energy consumption to reduce peak demands for energy and improve the efficiency supply systems
- Feasibility studies for the utilization of renewable energy and energy efficiency resource technologies
- Collaborative programs for energy efficiency and renewable energy technologies that link a state's energy and environment objectives
- Partnering with utilities on supply side management technologies and approaches

GEO's 2008 Report entitled "Connecting Colorado's Renewable Energy Resources to the Markets" provides evidence that there are high-value wind and solar resources in Colorado which exceed Colorado's renewable energy standard and to serve a resource for export to the Southwest and other national markets. The Transmission Program is researching and writing a detailed transmission report (the Renewable Energy Development Infrastructure [REDI] Project) under a grant from the DOE's Office of Electricity, to be completed by August 1, 2009.

The transmission program will maintain momentum from the REDI report by forming an implementation team of subject matter experts to follow through on the key recommendations that will stem from the REDI Report.

Garfield NECI upcoming events

June 10, 2009

June 16, 3-6 p.m., Rifle City Hall: Energy Star New Homes hands-on training session, in collaboration with Habitat for Humanity, City of Rifle and Mountain to Mesa Homebuilders Association. First in a series associated with three new Habitat houses being built in Rifle. (free)

June 19, 8:30 a.m. to 2:30 p.m., Hotel Colorado, Glenwood Springs: Growing Cooler: Energy Efficient Land Use and Transportation Planning Systems workshop, featuring Reid Ewing and other experts on energy efficient community design, transportation. \$20 to cover lunch. Cosponsors include DOLA, Colorado APA, ULI, CDOT, RFTA, Sonoran Institute taking lead on organizing.

June through fall: Sonoran Institute is conducting code review work as a follow up to June 19 workshop. Project is intended to help communities in the area identify barriers and opportunities to energy-efficient land use within their zoning codes. Review is being conducted with Sonoran Institute in-kind and outside funds – no additional funds required by partner communities or GNECI. While the final report will be designed to inform all communities in Garfield County, Sonoran Institute is focusing on 2 – 3 communities, currently in conversations with Silt, New Castle and Rifle to determine who would like to participate.

June 22: Due date for bids for project analysis of Garfield NECI partner sites for renewable energy installations.

June 24: Bike to Work Day. Breakfast stands open 7 to 10 a.m. in Rifle, New Castle and Glenwood Springs. Event in collaboration with CDOT, RFTA, Lower Valley Trails (LOVA) and chamber

July: website roll-out

July 24-25, Parachute: Grand Valley Days booth: information for residents on energy saving opportunities and programs, increasing awareness of financial incentives. Raffle for a home energy audit, improvements (planned)

Aug. 1, Silt: Silt Hey Day booth: information for residents on energy saving opportunities and programs, increasing awareness of financial incentives. Raffle for a home energy audit, improvements (planned)

Late September, Countywide: Lighting campaign kick-off.

Ongoing late summer: start up of demonstration commercial business audit, retrofits.