

Commercial Program Overview

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Commercial Program Overview

- Building Tune Up
- Efficiency Express
- Building Efficiency Grant
- City of Loveland Projects
- New Program Development
- Energy Efficiency Assistance Program

Building Tune Up

- Tune-up (or retro-commission) existing building/energy systems
- Identify and implement low to no cost measures resulting in less than a 2 year payback
- Provide financial incentives for cost effective energy savings
- Identify EE measures not covered by BTU that may qualify for other rebate programs (EEP/LIGHTENUP)

save energy save the environment save money

Tune-up to Green!



Building Tune-up is a free service that identifies low- or no-cost opportunities for improving building performance and saving energy.

WE PAY 100% of the cost to identify measures that can save energy, improve the comfort, operation and efficiency of your building and pay for themselves in less than two years.

Contact us today. Funding is limited!

e-mail tunup@gpa.org or call 878-226-4000



PLATTEN REVER
POWER & AUTHORITY

Building Tune Up

Five Key Accounts

1. Woodward – implementation
2. Medical Center of the Rockies – implementation
3. Good Samaritan – assessment/implementation
4. McWhinney – implementation
5. McKee Medical Center – kick off meeting March 21,2013



UNIVERSITY
of COLORADO HEALTH
Formerly Poudre Valley Health System



Success Stories 2011-2012

- **Agilent Technologies**

- Corporate Goal 6% energy reduction – Achieved 9%
- Total incentive \$17,448
- Summer Peak demand reduction 28.0 kW
- Customer Savings 329,000 kWh/yr.
- Estimated Cost Savings \$19,700 per year

- **Resurrection Fellowship Church**

- Total Incentive \$30,650
- Summer Peak Demand Reduction 5.3 kW
- Customer Energy Savings 174,000 kWh/year
- Estimated Customer Savings \$6,400 per year



Efficiency Express

- Seven projects in first 10 weeks of 2013
- 32 projects in first year
- Recent participants: lodging, industrial, school administration, retail, restaurant



"We are thrilled that our projected cost savings is more than six times our investment. Savings of this magnitude are critical toward achieving our mission of providing housing and supportive services for our elderly residents at the lowest possible cost. "

- **Randy Davis, Executive Manager**
Good Samaritan Society

Business Efficiency Grant



- Grant available for projects that qualify for existing rebates
- Business Criteria (must meet one of the following three criteria)
 - Customer on Small General (SG) Electric Rate OR
 - Project building size is less than 50,000 sq. ft., includes businesses on rate classes not listed above, OR
 - Non-profit business of any building size or rate class
- Must have energy assessment scheduled, or previously completed, with Loveland Water and Power or Platte River Power Authority - Performed by Brendle Group
- Projects must be completed by December 1st and paperwork submitted by December 15, 2013.

Business Efficiency Grant

- BEG Amount:

- Up to \$5,000 per customer
 - BEG per project not to exceed 75% of the total project cost for upgrade projects
 - Lighting project cost = \$10,000
 - Utility rebate = \$5,000
 - Customer cost = \$5,000
 - BEG + Rebate = \$7,500 (75% of cost)
 - BEG funds are on a first come first serve basis.

City Projects and Rebates

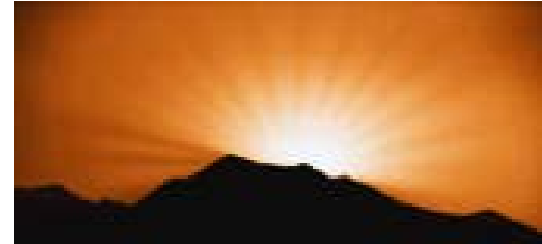
Decreased 19,000 kWh with lighting

\$66,500 savings

- Lighting Retrofits in two fire stations, Maintenance Operations Center, Warehouse, Recreation Center
- LED Parking Lot Lighting at Service Center, Recreation Center, Municipal Building, Library, Fire Administration, Fire Station #6, Museum, two overflow parking lots
- New construction at the library included lighting retrofit, HVAC measures and building envelope improvements
- New construction at newest City of Loveland Pump Station included rebates for motors, pumps, VSD, VFD, roof insulation
- Replaced Inefficient HVAC Equipment at Service Center, Maintenance Building, Fire Station #3, Museum, Library, Chilson Recreation Center



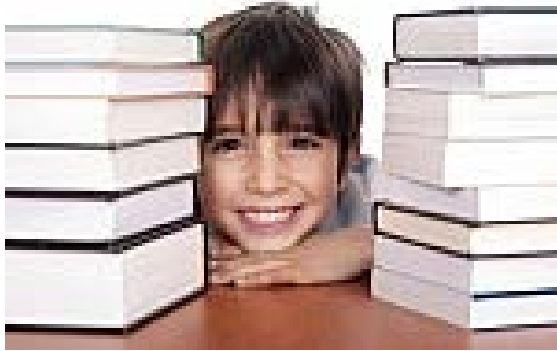
On the Horizon...



- Design a pilot program that will increase our level of service by offering more opportunities for our commercial customers.
- New program to offer services that include water efficiency, natural gas, transportation and waste reduction.
- Technical assistance, education, benchmarking and recognition
- Potential regional effort to enhance Climatewise program.



Energy Efficiency Assistance Program



- **Must be a City of Loveland electric customer**
- **Requires student participation**
- **Promotes behavioral change**
- **Must submit project progress**
- **Must be completed by end of school year.**

- Designed to educate and actively engage primary and secondary students in energy efficiency and water projects.
- Loveland schools eligible for \$5,000 grant to use for educational materials, classroom presentations, curriculum assistance or behavioral change programs.

Walt Clark Middle School Solar Panel Project

- Solar Panels mounted on the south side of the building that power two LCD screens in the cafeteria
 - Students monitor solar energy produced and consumed on LCD screen and control panel installed in cafeteria
 - Students receive information about sports teams and scores, student birthdays, upcoming school events and club activities
 - Students learn about energy efficiency and water conservation through posts loaded into the scrolling screens
 - The project is the first of it's kind on Northern Colorado.
 - The project is sustainable.



Lucille Erwin Middle School Greenhouse Project

- Build one or two greenhouses adjacent to the school in which students will study solar energy, grow plants for fundraising and use in consumer science classes.
- Students from all grade levels will participate in purchase, design, construction, production, study and maintenance of greenhouses.
- Students from math, science, consumer family, industrial tech and economics will all play a role.
- Project studies both water and power.
- The project is sustainable.



Questions?

Thank you.

Please contact me at

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Loveland Water and Power