



Efficiency Works

Platte River
Power Authority

Estes Park
Light and Power

Fort Collins
Utilities

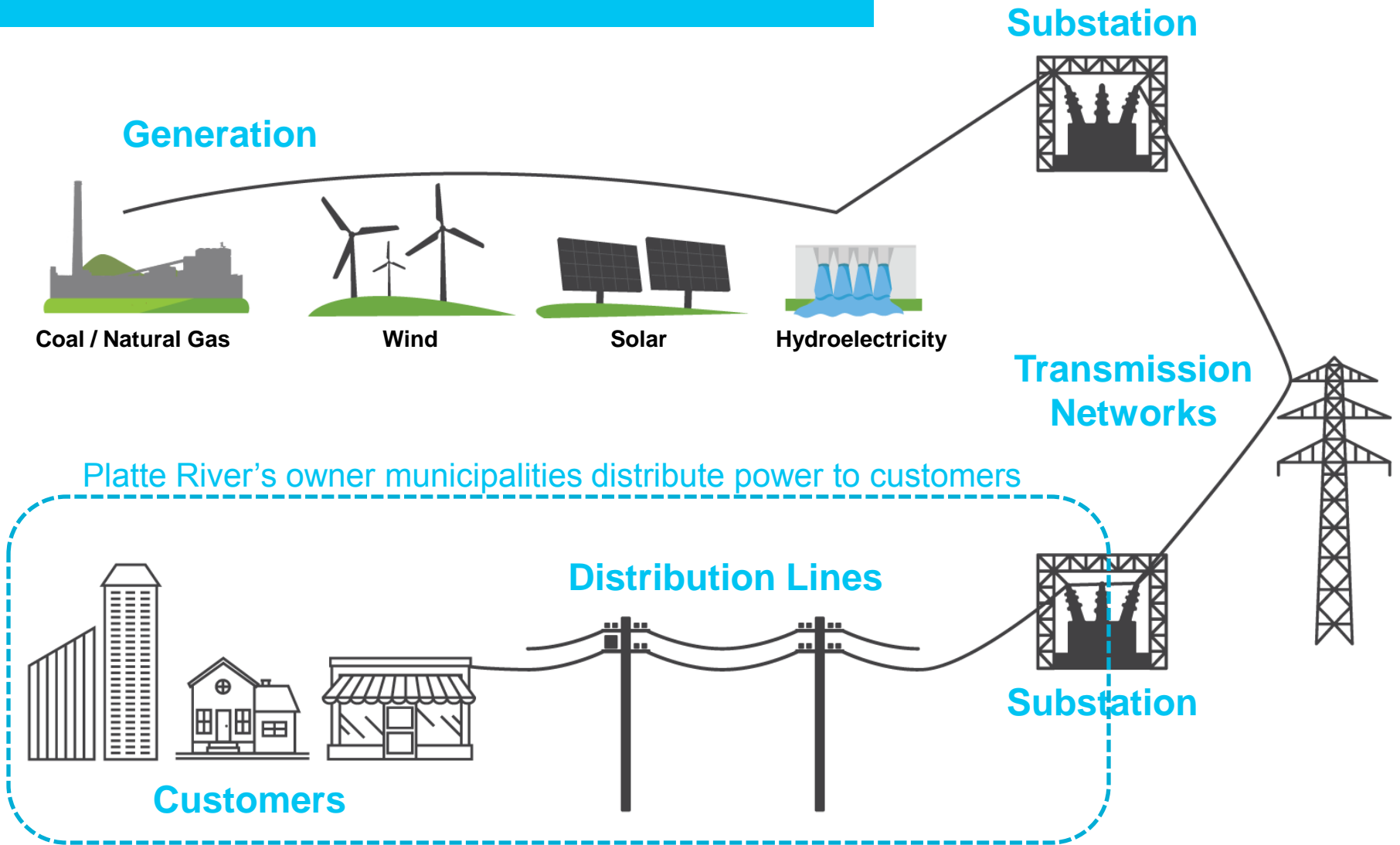
Longmont
Power &
Communications

Loveland
Water and Power

Efficiency Works Business: 2017 Rebates & Goals

January 17, 2017

Platte River Power Authority provides electricity to Estes Park, Fort Collins, Longmont, and Loveland

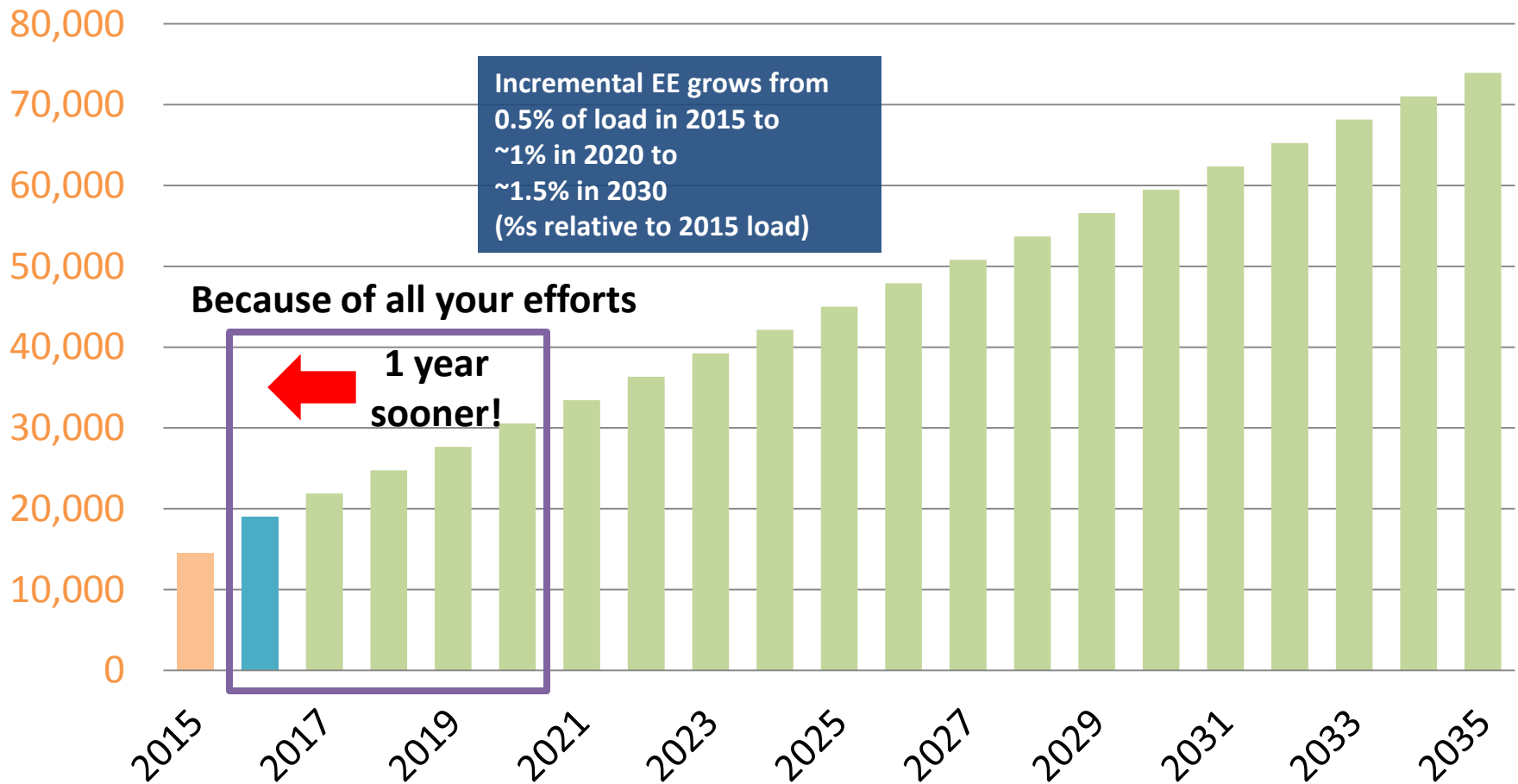


A Collaborative Effort



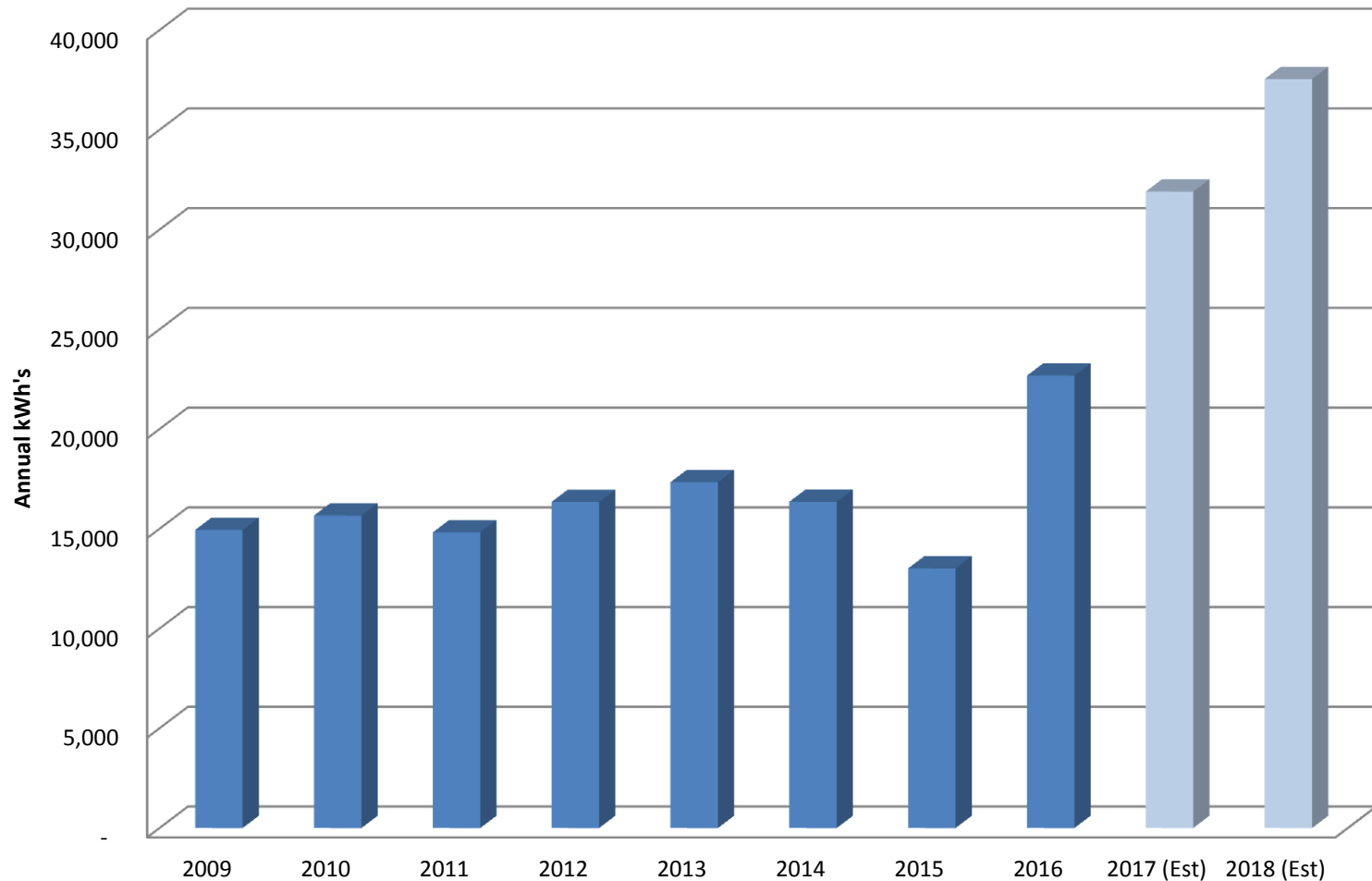
Potential for “Expanded EE”

Cumulative 30 MW & 180,000 MWhs by 2020



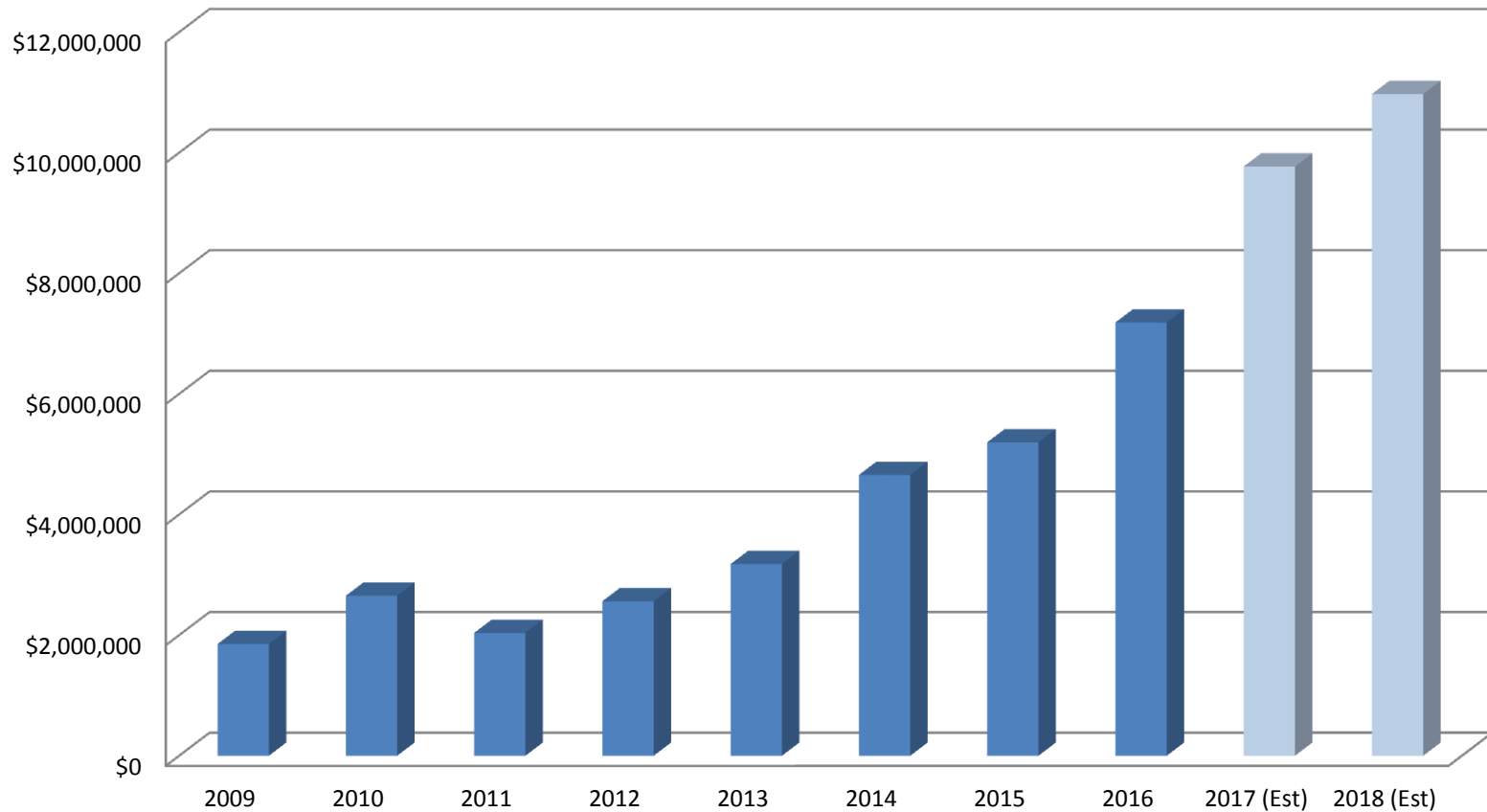
Increased Savings Goals

Annual Energy Savings



Increasing Budgets

Energy Efficiency Budgets



Program Funding



Estes Park
Projects



Fort Collins
Projects



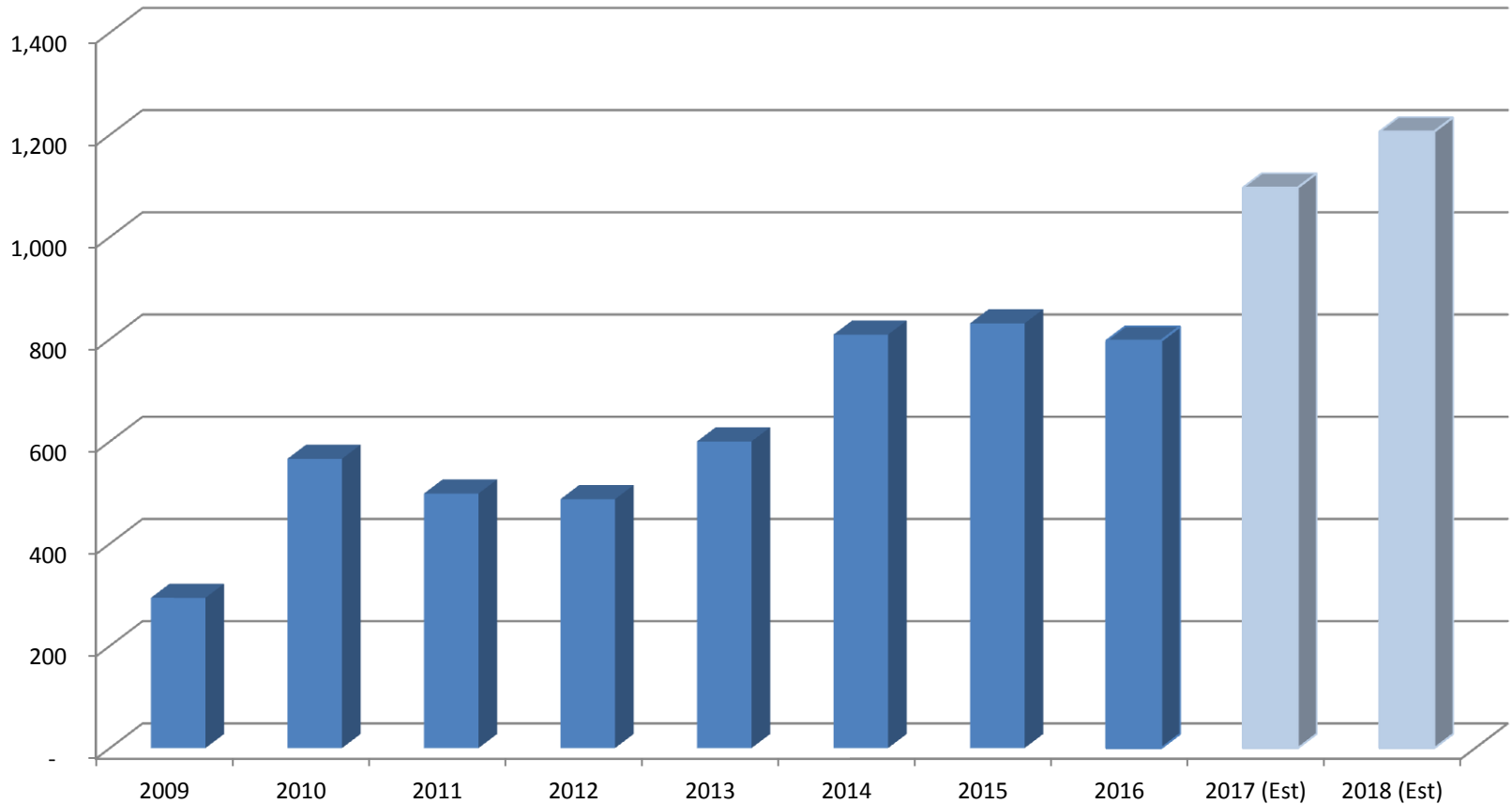
Longmont
Projects



Loveland
Projects

Number of Business Projects

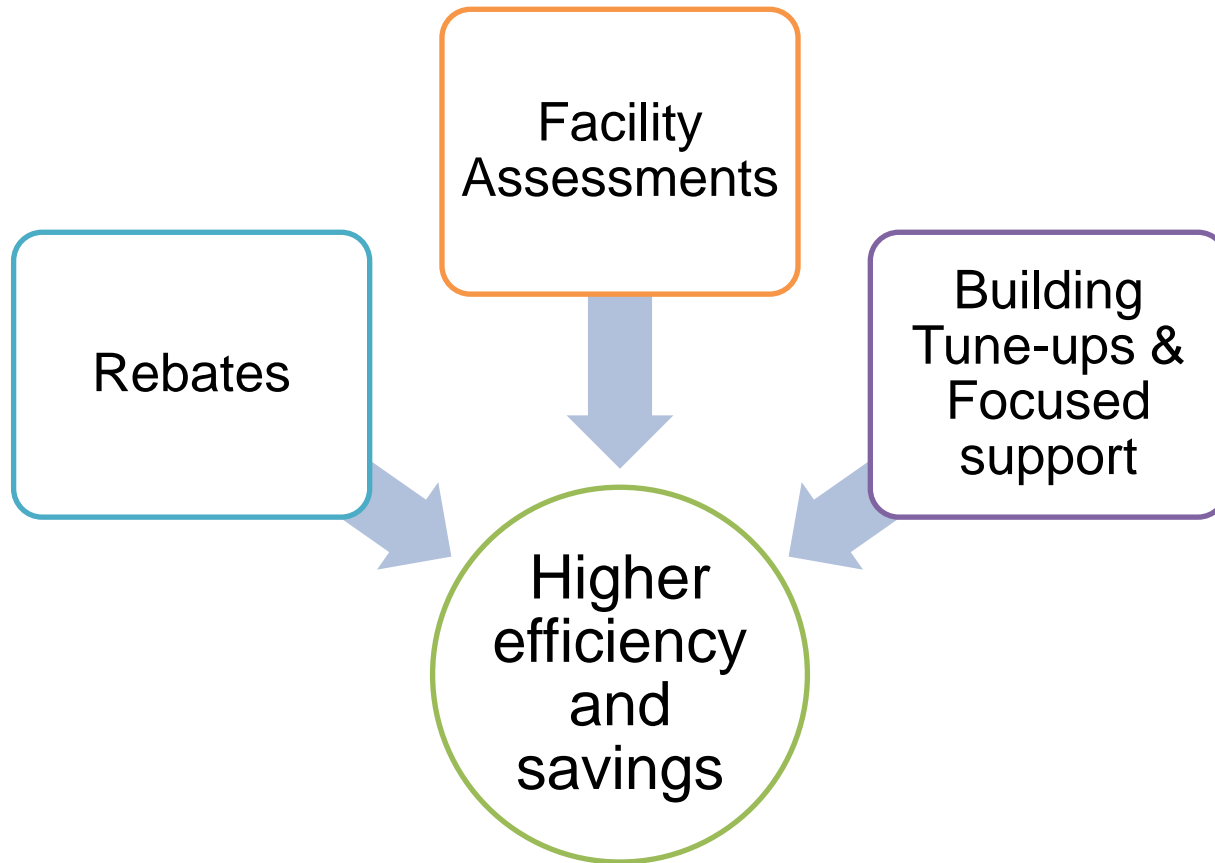
Total Projects



Efficiency Works Business:

2017 Programs

Efficiency Works Business



Rebates



- **Lighting** – (LEDs and controls)
- **Cooling** – (economizers, controls, evaporative cooling, etc)
- **Envelope** – (windows, insulation & cool roof)
- **Food Service** – (cooking and refrigeration equipment, ice machines, etc.)
- **Grocery** – (refrigeration cases, controls & EC motors)
- **Office & IT** – (task lighting, ES computers & plug loads controls, thin client, server virtualization, etc)
- **VFDs** – up to \$120 per HP, 75 HP max (fans, pumps, compressors)
- **Custom** – (NC lighting, evaporative coolers, compressed air, special controls, etc.) *Rebates based on \$0.10/kWh annual savings or \$500/kW*

Optimization existing and new buildings



Building Tune-Up Program

Rebate is based on 100% of the cost of RCx study and implementation support and verification by RSP and customer commits \$0.05 per sq ft for implementation of selected measures.

Integrated Design Assistance Program

Performance base incentive for designing high performance commercial buildings. Applies to new construction and major renovation projects in Fort Collins.



Facility Assessment Benefits



- Provides an efficiency plan
 - ✓ Current utility usage analysis
 - ✓ Benchmarking
 - ✓ Opportunities specific to your facility
 - ✓ Cost and savings information, including rebates
- Connects you to our technical resources
- Required for incentives over \$10,000 (before pre-approval).
 - Energy Advising may be completed in lieu of a facility assessment, if property had an assessment in the past 3 years.

Efficiency Works Business:

2017 Rebates

Rebate Changes for 2017

- Lighting
 - Only rebates for LED upgrades
 - Retrofits and Retrofit Kits are now 1 category
 - Fluorescent and HID upgrades have different incentives
 - Automatic Control bonus incentives
- Midstream Cooling Program
- Building Envelope incentives for new construction
- New Construction/Major Renovation for Lighting now a custom project and must beat code by 10%
- Water Incentive requirements (Fort Collins only)
- Customer Cap increase



2017 Project and Customer Caps



- Rebate caps are based on a per customer per year allocation
 - Multiple projects will be counted to this cap
 - Multiple sites with one customer will be included
 - Customer: who is paying for the project
- Per site cap is \$50,000
- Customer annual cap is \$100,000 (multiple sites)

Lighting (Retrofits)

Upgrade Type	Rebate Amount \$/watt reduced (relative to existing)	Examples
LED fixture (fluorescent replacement)	\$1.50	Troffers, wraps, fluorescent high bays
LED fixture (HID or incandescent replacement)	\$0.75	Area lights, flood lights, wall packs, HID high bays
LED Retrofit	\$0.25	Type C LED tubes with external driver, area light retrofits, recessed downlight trim kits that use the existing 'can' for mounting, LED exit signs, monument and backlit signs
LED Lamp/Other	\$0.10	A19 or BR/R Flood bulbs, Type A or Type B LED tube lights with integral driver, recessed downlight trim kits that include an E26 base, "corn cobs". Includes permanent removal of existing fixtures.
Controls (Tier 1)	\$0.10	Occupancy sensors, motion sensors, photocells, automatic timers
Controls (Tier 2)	\$0.25	DLC Networked Lighting Control

* Products are required to be listed as ENERGY STAR or Design Lights Consortium (DLC) qualified.

** Lighting upgrades for new construction and major renovations may be eligible for custom rebates. See the custom rebate page for more information.



Lighting (Retrofit Examples)

HID to LED Example



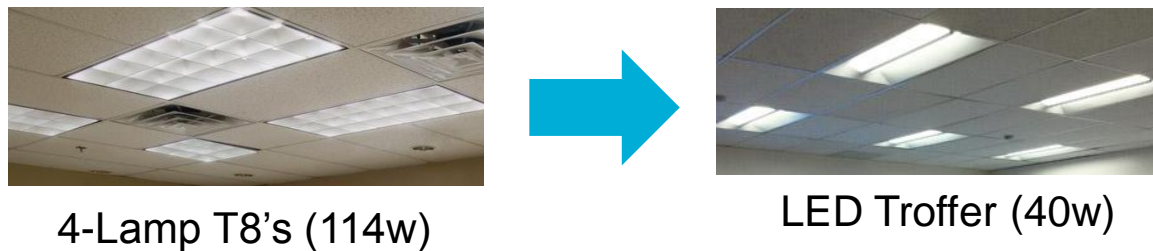
A diagram illustrating a lighting retrofit. On the left is a 400w Metal Halide light fixture. A blue arrow points to the right, where a 100w LED light fixture is shown. To the right of the LED fixture is a blue equals sign, followed by the text "\$269 per fixture".

400w
Metal Halide

100w
LED

= \$269
per fixture

Fluorescent to LED Example



A diagram illustrating a lighting retrofit. On the left is a photograph of a ceiling fixture with four T8 lamps, labeled "4-Lamp T8's (114w)". A blue arrow points to the right, where a photograph of a ceiling fixture with a single LED troffer is shown, labeled "LED Troffer (40w)". To the right of the LED troffer is a blue equals sign, followed by the text "\$111 per fixture".


4-Lamp T8's (114w)

LED Troffer (40w)

= \$111
per fixture

Lighting (New & Major Reno)

- Custom Rebate: \$0.10 per kWh saved annually
- Must beat code requirements by minimum of 10%.
ASHRAE Building Area Method (based on space use type LPD)
 - Watts per square foot
- When does it apply?

 **COMcheck Software Version 4.0.1**
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
 Project Title: The Neenan Company TF
 Project Type: Alteration

Construction Site: 3325 Timberline Road, Fort Collins, CO 80525
 Owner/Agent: Bob Hossana, The Neenan Company, 2607 Midpoint Drive, Fort Collins, CO 80525, 970.493.8747, bob.hossana@neenan.com
 Designer/Contractor: Jeremy Babilonia, SRB Consulting Engineering, LLC, 37127 Cullison Ridge Road, Windsor, CO 80550, 970.686.1004, jeremyb@srblc.net

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Common Space Types:Office - Open plan	16130	1	16130
Total Allowed Watts =			16130

Proposed Interior Lighting Power


A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Office - Open plan (16130 sq ft.)				
LED 1: A / AE: 2x2 Volumetric Troffer: LED Panel 41W:	1	117	42	4856
LED 4: B: 8' Strip: LED Linear 33W:	1	17	76	1292
LED 4 copy 1: B1: 4' Strip: LED Linear 33W:	1	9	76	684
LED 2: L / LE: 6" Diam. Recessed Down Light: LED Other Fixture Unit 16W:	1	24	14	341
Linear Fluorescent 2: P12: 12' Linear Pendant: 46" T5 HO 54W: Electronic:	3	1	162	162
LED 3: W4: 4' Wall Indirect: LED Linear 17W:	1	1	18	18
Linear Fluorescent 6: Tennant Provided 2x2 Troffer: 24" T8 17W: Electronic:	2	6	34	204
Linear Fluorescent 7: D1(R): Relocated 8' Strip: 96" T8 HO 86W: Electronic:	2	1	192	192
Linear Fluorescent 7 copy 1: S2(R): Relocated 8' Strip: 96" T8 HO 86W: Electronic:	2	1	192	192
Total Proposed Watts =				7941

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.1 and to comply with the mandatory requirements listed in the Inspection Checklist.

Chris Weaver - Senior Designer
 Name - Title


 Signature

11-10-15
 Date

Cooling

Measure	Description	Incentive
Ductless Mini-Split Systems	Incentive is available for high efficiency ductless mini-split air conditioning systems with energy efficiency ratings (per AHRI test procedures, www.ahridirectory.org) of 12.5 EER AND 17.0 SEER. Units up to and including 5 tons are eligible.	\$300 / ton
Evaporative Condensing	Pre-cools the air entering the condenser of a rooftop unit or air-cooled chiller with mist or an evaporative media.	\$100 / ton
Advanced Evaporative Cooling	Direct, Direct/Indirect, or Indirect evaporative coolers. Continuous water 'bleed' systems for sediment control DO NOT qualify. Must guarantee air quality against bacteria, mold, and include a maintenance plan.	\$0.20 / cfm
Economizer Controls	Add an economizer to either an existing unit or to a replacement high-efficiency unit where an economizer previously did not exist.	\$250 / unit
PTAC/PTHP Controls	Motion Sensor or Card Lock control with setback capabilities.	\$75 / unit
Advanced RTU Controller	After market controllers that utilize variable supply fan control combines with integrated economizer and demand ventilation controls. Common brand and manufacturers of the advanced RTU controllers are: Catalyst by Transformative Wave, Digi-Rtu by Bes-Tech, and Enerfit by Enerfit, LLC. Other controllers may qualify that are not listed.	\$2,000 / unit

* DX AC units (RTUs and split systems), PTAC's, and air cooled chillers do not qualify for rebates. Efficiency Works coordinates directly with the regional HVAC distributors to help ensure high efficiency HVAC equipment is available to all commercial customers at competitive pricing.

Building Envelope

(Upgrades to Existing Buildings)

Upgrades to Existing Buildings (see below for New Construction)

Measure	Incentive	Criteria
Windows (Tier 1)	\$3.00 per SF window unit	U-value \leq 0.30 <u>AND</u> SHGC \leq 0.25*
Windows (Tier 2)	\$6.00 per SF window unit	U-value \leq 0.18 <u>AND</u> SHGC \leq 0.22*
Window film	\$1.50 per SF glass	SHGC \leq 0.35*
Roof insulation	\$0.32 per SF roof	Existing buildings: R-30 c.i.
		Metal buildings: R-19 + R-13 liner system
		Attic insulation: R-49
		Other buildings: R-25 + R-10 liner system
Wall insulation	\$0.06 per SF wall	Mass: R-20 c.i.
		Metal buildings: R-0 + R-21 c.i. <u>OR</u> overall U-value \leq 0.05
		Steel framed: R-13 + R-12 c.i. <u>OR</u> overall U-value \leq 0.05
		Wood framed: R-13 + R-8.5 c.i. <u>OR</u> R-19 + R-6 c.i. <u>OR</u> overall U-value \leq 0.05
Cool roof	\$0.18 per SF roof	ENERGY STAR labeled material

Building Envelope (New Construction)

Upgrades to New Buildings, Major Renovations

Measure	Incentive	Criteria
Windows (Tier 1)	\$1.50 per SF window unit	U-value \leq 0.30 <u>AND</u> SHGC \leq 0.25*
Windows (Tier 2)	\$3.00 per SF window unit	U-value \leq 0.18 <u>AND</u> SHGC \leq 0.22*
Roof insulation	\$0.16 per SF roof	Existing buildings: R-35 c.i.
		Metal buildings: R-19 + R-13 liner system
		Attic insulation: R-49
		Other buildings: R-25 + R-10 liner system
Wall insulation	\$0.03 per SF wall	Mass: R-20 c.i.
		Metal buildings: R-13 + R-18 c.i. <u>OR</u> overall U-value \leq 0.05
		Steel framed: R-13 + R-12 c.i. <u>OR</u> overall U-value \leq 0.05
		Wood framed: R-13 + R-8.5 c.i. <u>OR</u> R-19 + R-6 c.i. <u>OR</u> overall U-value \leq 0.05

Food Service

Equipment Type*		Incentive	Criteria
Ice Machine		\$300 per unit	CEE Tier 2
		\$200 per unit	ENERGY STAR
Hot Food Holding Cabinet ($\geq 7 \text{ ft}^3$)		\$600 per unit	ENERGY STAR
Reach-In Refrigerator or Freezer	Residential Style	\$50 per unit	ENERGY STAR
	$< 19 \text{ ft}^3$	\$250 per unit	
	19 - 30 ft^3	\$500 per unit	
	31 - 60 ft^3	\$750 per unit	
	61 - 90 ft^3	\$1,000 per unit	
Electric Steamer		\$1,200 per unit	ENERGY STAR
Electric Fryer		\$200 per unit	ENERGY STAR
Electric Griddle		\$600 per unit	ENERGY STAR & heavy-load efficiency > 70%
Combination Oven - Electric		\$2,000 per unit	ENERGY STAR & heavy-load efficiency > 70%
Convection Oven - Electric		\$400 per unit	ENERGY STAR & heavy-load efficiency > 70%
Vent Hood Controls		\$400 per hp	Vent Hood Controls with VFD fans & sensors

* Rebates are available for NEW commercial equipment only. Used or refurbished equipment does not qualify.

Grocery

- Rebates for existing units only:

Equipment Type		Incentive	
Auto closer	Reach-in freezer	\$60	per door
	Reach-in cooler	\$60	per door
	Walk-in freezer	\$100	per door
	Walk-in cooler	\$100	per door
Gaskets	Reach-in freezer	\$8	l.f. of door perimeter
	Reach-in cooler	\$8	l.f. of door perimeter
	Walk-in freezer	\$8	l.f. of door perimeter
	Walk-in cooler	\$8	l.f. of door perimeter
Strip curtain	Walk-in freezer	\$200	per door
	Walk-in cooler	\$100	per door
Suction line insulation		\$1.50	per foot

Grocery (continued)

- Rebates for existing *or* new unit upgrades:

Measure	Reach-in Coolers or Freezers (new or existing)	Existing Walk-Ins	New Walk-ins
Zero energy glass doors without ASH	\$125 per door	\$125 per door	\$50 per door
Low energy glass doors	\$75 per door	\$75 per door	N/A
ASH controls	\$100 per door	\$100 per door	N/A
Case Lighting T8 to LED	\$100 per lamp	\$100 per lamp	\$100 per lamp
Case Lighting T10/T12 to LED	\$100 per lamp	\$100 per lamp	N/A
Occupancy sensor (LED/T8 case lighting)	\$8 per lamp	\$8 per lamp	\$8 per lamp
EC motors	Reach-in/display cases	\$50 per motor	N/A
	Compressor head cooling fan	\$50 per motor	N/A
	Walk-in freezer	\$100 per motor	N/A
	Walk-in cooler	\$100 per motor	N/A
Night covers	\$20 per l.f.	N/A	N/A
Smart defrost control walk-in freezer	\$400 per controller	\$400 per controller	\$200 per controller
Evap fan controls walk-ins	\$50 per fan	\$50 per fan	\$50 per fan
Outside air economizers for walk-ins	\$1,250 per economizer	\$1250 per economizer	\$1,250 per economizer

IT & Office

Existing Equipment	New Equipment	Rebate (\$/unit)
PC or no existing equipment	ENERGY STAR desktop or side computer	\$12
PC or no existing equipment * (Fort Collins Utilities electric customers only)	ENERGY STAR thin client	\$50
Server	Virtualized server or virtualization software	\$250
60+ W incandescent/halogen desk lamp or none	ENERGY STAR LED desk lamp	\$15
T12/T8 undercabinet fixture or none	ENERGY STAR LED undercabinet fixture	\$5
150+ W incandescent/halogen floor lamp or none	ENERGY STAR torchiere - 55 W max	\$20
Office plug load equipment	Smart strip energy efficient surge protector	\$7
	Plug strip w/ occupancy sensor or schedule	\$20
Vending machine	Occupancy sensor or schedule control	\$90
Datacenter efficiency	Contact Efficiency Works™	

VFD's

- VFD projects require pre-approval
- No rebate when required by code

Motor Capacity (hp)		Rebate (\$/hp)		
Min	Max	Fan	Pump	Compressor
1	5	\$120	\$120	\$120
7.5	10	\$100	\$100	\$100
15	20	\$85	\$85	\$85
25	30	\$75	\$75	\$75
40	50	\$65	\$65	\$65
60	75	\$55	\$55	\$55

Above 75 hp: rebates may be available through the custom rebates.

Water (Fort Collins only)

Equipment Type		Rebate (\$ per unit)	Criteria
Ice machine**		\$100	CEE Tier 2 or ENERGY STAR
Electric steamer**		\$750	ENERGY STAR
Commercial clothes washer	Vended	\$250	ENERGY STAR
	Non-vended	\$125	ENERGY STAR
Dishwasher		Up to \$2000	ENERGY STAR
Toilet (<1.28 GPF)	Tank	\$75	WaterSense
	Flushvalve	\$100	WaterSense
Urinal (< 0.5 GPF)		\$100	WaterSense
Aerators (10 pack)	Ultra Low Flow	\$3	0.5 GPM or less
	Low Flow	\$3	1.0 GPM or less
Low Flow Pre-Rinse Spray Valves		\$20	WaterSense
Low Flow Showerheads		\$10	WaterSense
Irrigation Rain Sensor		\$30	
Soil Moisture Sensor		\$45	up to 4 per controller
Irrigation Controller or add-on weather station (up to 50% of cost)		\$400	WaterSense
High Efficiency Sprinkler Nozzles		\$3	
Pressure Reducing Sprinkler Heads		\$3	
Pressure Regulators (PRV or zone valve)		\$35	per zone
Commercial Sprinkler Audit		\$100	max 2 per year

** Rebates are *in addition to* food service rebates for these pieces of equipment.



2017 Water/Irrigation Rebate Changes

- Colorado is now a WaterSense State
- Midstream incentives for irrigation equipment
 - End of 1st Quarter 2017
 - Must be an approved vendor



Custom Rebates

- Energy efficiency
 - New Construction & Major Renovation lighting
 - Either demand or energy (whichever is larger)
 - Summer peak savings (**\$500/kW**), OR
 - Annual energy savings (**\$0.10/kWh**)
- Water efficiency
 - Annual water savings (**\$5,000/Acre ft**) in Fort Collins only
- Requires pre-approval
- 10 year minimum useful life
- Simple payback less than 15 years
- Up to 75% of project cost



Efficiency Works Business:

How to Apply for Rebates

Start with the Website

www.EfficiencyWorks.CO

The screenshot shows the Efficiency Works website for business customers. The browser address bar displays "https://efficiencyworks.co/for-business/". The website header includes the Efficiency Works logo and navigation buttons for "Homes", "Business", and "Service Providers". A search bar is located in the top right corner.

For Business

Efficiency Works™ helps you identify and implement cost-effective efficiency upgrades for new or existing buildings.

As a business and building owner, you can sign up for a free facility assessment, apply for efficiency rebates and [find a local Efficiency Works Provider](#) to implement your efficiency project. You must be a current business customer receiving electric and/or water service from Estes Park Light and Power, Fort Collins Utilities, Longmont Power & Communications, or Loveland Water and Power.

Please click on a + to see more information.

- + Free Technical Support
- + Rebates
- + How to Participate

Detailed program specifications and incentive requirements can be found in the [Efficiency Works Program Guide](#).

Important Links for Businesses

- [Assessment Application](#)
- [Building Tune-up Application](#)
- [Business Rebate Application](#)
- [Multifamily Rebate Application](#)
- [Find a Provider](#)
- [Design Assistance for Fort Collins Customers](#)
- [AC Commissioning Form](#)

Upcoming Training

Training is available for efficiency providers. To find out more, [click here](#).

Rebate Application Updates

- Instructions Page
- General Information Page with Payment recipient information
- Lighting page incorporating controls and reduction of fixtures in one line!
- Building Envelope incentives for new construction
- New Construction/Major Renovation for Lighting now a custom project and must beat code by 10%
- Multi-Family Rebate Application

Efficiency Works™
 Edges Park Light and Power | Fort Collins Utilities | Longmont & Commerce | Loveland Water and Power | Poudre River Power Authority

Business Rebate Application 17.2
 Effective January 4th, 2017 until further notice.

Participant Acknowledgement of Terms and Conditions
 By submitting this application, I hereby acknowledge that I have read, understand and agree to be bound by all requirements, terms, and conditions of the Efficiency Works Program including, but not limited to, the Terms and Conditions set forth on page 12, Request for Payment Form.

How to participate
 1. Determine project eligibility. The project site must be an electric customer of Town of Edges Park Light & Power (Department, Fort Collins Utilities, Longmont & Commerce, or Loveland Water and Power) and must be a new construction or major renovation.
 2. Incentive funds are contact Efficiency Works.
 3. Download the most current application form.
 4. Contact a vendor.
 5. Apply for pre-approval.
 6. Complete the application listed on page 12. Fill out this page with the utility customer information. Fields marked with an * are required. Enter the mailing address, even if it is the same as the site address.

Business Rebate Application 17.2
Page 1 - General Customer and Project Information

Participant Information (Utility Customer)

Company Name *	Energy Business *	Ag *
Contact Person *	Title *	
Site Address *	Mailing Address *	
City, State, Zip *	City, State, Zip *	
Telephone *	Email *	

Party Completing Form, if different from participant above (e.g. contractor, property manager, energy auditor)

Company Name *	Contact Person *
Mailing Address *	
City, State, Zip *	

Project pre-approval
 1. Apply for pre-approval.
 i. Pre-approval is required.
 ii. Total potential rebate.
 iii. Submit the form to the project.
 iv. Efficiency Works will review the project.
 v. Any customer record provided to the contractor the past three years is customer for free, but some projects will be customer for free.
 4. Funds are only released after project completion.

Incentive Payment to
 Company Name *
 Mailing Address *
 City, State, Zip *

How to use this app
 Project Site Information
 * Servicing electric utility
 * Servicing Water utility if applying for water rebate
 Operating hours per week
 Operating hours (define)
 Project Schedule
 Start Date
 End Date

Business Rebate Application 17.2
Page 11 - Rebate Summary

Instructions: Enter your project cost(s) on this page. Project costs can include labor, materials, shipping, consulting fees, and taxes. The final estimated rebate for this project will calculate below.

Measure	Total Installed Cost	Annual Electricity or Water Savings (kWh/yr) or (gal/yr)*	Annual Electric or Water Cost Savings (\$/yr)*	Potential Rebate
Lighting Efficiency	\$500	780	\$60	\$90
Cooling Efficiency		0	\$0	\$0
Envelope		0	\$0	\$0
Food Service	\$3,000	26,172	\$2,015	\$3,000
Grocery		0	\$0	\$0
IT & Office Equipment		0	\$0	\$0
Motor VFDs		0	\$0	\$0
TOTALS				

Water Efficiency (gals)
 * Electricity, water, and cost estimates for reference only. Predict savings for your project.
 Each customer may be limited by availability. Additional rebate caps are:
 - 75% of total project cost
 - \$5,000 per customer per project
 - \$50,000 per customer per project
 - \$100,000 per customer per project
 - \$100,000 per building/site, \$50,000 per building/site, etc.

Participant Agreement
 I have read, understood, agree and possess the authority to execute this Request for Payment Form in relation to the terms and conditions listed above. This section to be completed by the customer.

Participant Signature * _____ Date * _____
 Name _____ Phone * _____
 Title _____
 Company Name * _____
 Mailing Address * _____
 City, State, and Zip * _____

Page 1 of 2
 Page 2 of 2

Project Number: Not Preapproved
 Company Name: _____
 Rebate: \$0

Participant Information for Alternate Recipient
 (Participant authorizes Poudre River Power Authority to make the incentive payment to the identified party below. This section to be completed by the participant. ONLY COMPLETE THIS SECTION IF YOU WANT THE REBATE TO BE PAID TO AN ALTERNATE RECIPIENT!)

Participant Signature _____ Date _____
 Name _____

Alternate Recipient Information
 This section to be completed by third party (such as installing contractor)

Contact Person _____ Phone _____
 Title _____
 Company Name _____
 Mailing Address _____
 City, State, and Zip _____
 Comments _____

Need help?
 For more information or help filing out the application, call 877-981-1888 or email info@efficiencyworks.co

Application

Instructions



Estes Park Light and Power | Fort Collins Utilities | Longmont Power & Communications | Loveland Water and Power | Platte River Power Authority

Business Rebate Application 17.2

Effective January 4th, 2017 until further notice.

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How to participate

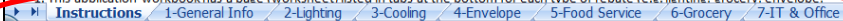
- Determine project eligibility. The project site must be an electric customer of Town of Estes Park Light & Power Department, Fort Collins Utilities, Longmont Power & Communications, or Loveland Water and Power. For water rebates, the customer must be a water customer of Fort Collins Utilities (i.e. water rebates are not available in the other cities)
- Incentive funds are subject to change without notice. Check the announcements on efficiencyworks.CO for recent program changes, or contact Efficiency Works for more information.
- Download the most recent version of this application from efficiencyworks.CO
- Contact a vendor, contractor, consultant, engineer, Utility Representative, or Efficiency Works for help with this application if needed.
- Apply for preapproval (see requirements below).
- Complete the project. Install products per program requirements and all applicable building and land use codes. Submit the materials listed on page 12. Rebate check may take up to 6 weeks to process once all required documentation is submitted.

Project preapproval

- Apply for pre-approval after a bid is selected; before products are installed.
 - Pre-approvals are required for all projects with a rebate greater than \$1,000.
 - Pre-approvals are required for all custom projects and all VFD projects
 - Total potential incentive listed on Page 11 must be a minimum of \$50 to qualify
 - Submit the following materials via email to info@efficiencyworks.CO
 - This Microsoft Excel spreadsheet application file
 - The project bid/quote/estimate, showing manufacturer names, part numbers, and quantities
- Efficiency Works will review the application, and, if approved, issue an approval code.
- Any customer receiving more than \$10,000 in incentives in a calendar year will be required to have a facility assessment. This is provided to the customer for free, but must be completed prior to pre-approval. Any customer that has received a facility assessment in the past three years is exempt from this requirement, but *will* be required to have energy advising. Again, this is provided to the customer for free, but must be completed prior to pre-approval.
- Some projects will be randomly selected for pre-inspections prior to installation of new equipment.
- Funds are only reserved 45 days past estimated project completion date.

How to use this application

This application workbook has a page (worksheet) listed in tabs at the bottom for each type of rebate (e.g., lighting, grocery, envelope, etc.).



General Information



Company Name:
Project Number:

Business Rebate Application 17.2

Page 1 - General Customer and Project Information

Instructions: Fill out this page with the utility customer information. Fields marked with a * are required. Enter the mailing address, even if it is the same as the site address.

Participant Information (Utility Customer)

Company Name *	Doing Business As
Contact Person *	Title
Site Address *	Mailing Address *
City, State, Zip *	City, State, Zip *
Telephone *	Email

Party Completing Form, if different from participant above (e.g. contractor, property manager, energy advisor)

Company Name *	Contact Person *
Mailing Address *	Telephone *
City, State, Zip *	Email

Incentive Payment Recipient

Entity *	Select Incentive Payment Recipient	Contact Person *
Company Name *		Telephone *
Mailing Address *		Email
City, State, Zip *		Notes/Comments

Project Site Information

Serving electric utility *	Select your local utility	Facility Type *	Select facility type
Serving Water Utility if applying for water rebates *	Select your local utility	Other (describe)	
Operating hours per year *		Project Type *	Select your project type
Operating hours (description)		Year Built	Year Remodeled
		Building (sq ft)	Project (sq ft)

Project Schedule

Start Date	Completion Date *
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* Required Information

Navigate between pages



Application

Business Rebate Application 17.2

Page 2 - Lighting

Instructions: Fill out the customer and general project information on page 1 of this application. See the rebate amount and product requirements at the bottom of this page to confirm product eligibility. Enter your project cost on page 11 of this application, and to see the total estimated rebate. This page does not apply to lighting for new construction projects, or any major renovation project.


Existing Fixture						New Fixture					Rebate		Savings		
Line #	Existing Fixture Type	Existing Fixture Description	Location (e.g. parking lot, break room, etc)	Existing Fixture Quantity	Existing Fixture Wattage	Upgrade Type (see descriptions below)	New Fixture Controls (see descriptions below)	New Fixture Quantity	New Fixture Wattage	Annual Operating Hours	Incentive Per Fixture (\$)	Total Incentive (\$)	Energy Savings (kWh/year)	Electric Cost Savings (\$/year)	Power Reduction (W)
1	T8 Fluorescent	2-lamp F32T8	break room	10	58	LED fixture (fluorescent replacement)	Not upgraded	10	32.0	3,000	\$39.00	\$390	780	\$60	260
2						LED fixture (fluorescent replacement)									
3						LED fixture (HID or incandescent replacement)									
						LED Retrofit									
						LED Lamp/Other									
						None									

Lighting has drop down menus



Enter quantities of new equipment on other pages





Efficiency Works™

Business Rebate Application 17.2

Page 5 - Food Service

Instructions: Fill out the customer and general project information on page 1 of this application. See the rebate amount and product requirements at the bottom of this page to confirm product eligibility. Enter your project cost on page 11 of this application, and to see the total estimated rebate.

New High Efficiency Commercial Equipment*	Minimum Required Criteria (see below for qualifying models)	Incentive per Unit	Enter # of Units	Total Potential Incentive	Annual Electricity Savings (kWh/yr)	Annual Electric Cost Savings (\$/yr)**
High Efficiency Ice Machine (kWh/100 lbs of ice)	CEE Tier 2	\$300	5	\$1,500	5,000	\$385
High Efficiency Ice Machine (kWh/100 lbs of ice)	ENERGY STAR	\$200				
Insulated Hot Food Holding Cabinets (min 7 cu ft)	ENERGY STAR	\$600	4	\$2,400	21,172	\$1,630
Residential Style Refrigerator	ENERGY STAR	\$50				
Reach-In Refrigerators & Freezers (< 19 ft3) (glass or solid door)	ENERGY STAR	\$250				
Reach-In Refrigerators & Freezers (19 - 30 ft3) (glass or solid door)	ENERGY STAR	\$500				
Reach-In Refrigerators & Freezers (31 - 60 ft3) (glass or solid door)	ENERGY STAR	\$750				
Reach-In Refrigerators & Freezers (61 - 90 ft3) (glass or solid door)	ENERGY STAR	\$1,000				
Electric Steamers	ENERGY STAR	\$1,200				
Electric Fryers	ENERGY STAR	\$200				

Company Name:

Project Number:

Application

Rebate Summary

Payment Request

Efficiency Works™ Company Name:
 Business Rebate Application 17.2 Project Number: Not Preapproved
 Page 11 - Rebate Summary

Instructions: Enter your project cost(s) on this page. Project costs can include labor, materials, shipping, consulting fees, and taxes. The final estimated rebate for this project will calculate below.

Measure	Total Installed Cost	Annual Electricity or Water Savings (kWh/yr) or (gal/yr)*	Annual Electric or Water Cost Savings (\$/yr)*	Potential Rebate
Lighting Efficiency	\$500	780	\$60	\$390
Cooling Efficiency		0	\$0	\$0
Envelope		0	\$0	\$0
Food Service	\$3,000	26,172	\$2,015	\$3,900
Grocery		0	\$0	\$0
IT & Office Equipment		0	\$0	\$0
Motor VFDs		0	\$0	\$0
Water Efficiency (gals)		0	\$0	\$0
Custom Measures		0	\$0	\$0
TOTALS	\$3,500	26,952	\$2,075	\$4,290

* Electricity, water, and cost savings are estimates for reference only. They may not predict savings for your project.

Total estimated rebate	\$0
Total cost after incentive	\$3,500
Simple Payback of All Projects (years)	1.7

Rebate Caps

Each customer may be limited by an annual cap. The cap may be waived at the discretion of Efficiency Works, depending on funding availability. Additional requirements may apply. Contact Efficiency Works for more information.

Current rebate caps are:

- 75% of total project cost for custom projects, 100% of project cost for all other projects
- \$5,000 per customer per year for water rebates
- \$50,000 per customer site per year
- \$100,000 per customer per year (across multiple sites/campuses)

For example, a single building site may not exceed \$50,000 per year in rebates. A customer with multiple sites/buildings can receive up to \$50,000 per building/site, but not more than \$100,000 across all buildings/sites.

Efficiency Works™ Project Number: Not Preapproved
 Business Rebate Application 17.2 Company Name:
 Page 12 - Request for Payment Rebate: \$0
 Estimated Annual Savings: \$2,075

Instructions: Upon completion of the project, submit the following to request rebate payment:

- (1) The rebate application (Microsoft Excel file)
- (2) All project invoices
- (3) IRS form 1099 for the entity being paid (if this includes a Social Security Number, call Efficiency Works)
- (4) This 'Request for Payment' page printed, signed, and scanned (or faxed).

Terms and Conditions

1. The undersigned (Participant) hereby certifies that this Project has been completed to his or her satisfaction, and that this application accurately portrays the Project as described in this application. In particular, the equipment is operational; the application accurately describes the existing and new equipment; all equipment quantities are correct; and the attached invoices accurately reflect the project costs.

2. Upon Platte River's request and reasonable notice, Platte River representatives will be given access to the project site so they may verify equipment installation, characteristics, quantities, and performance.

3. Participant shall reimburse Platte River the proposed portion of the incentive, should Platte River find, in its sole discretion, that its energy savings are realizable, and that its energy savings are not offset by any other credits, offsets, allowances, credits, or related to the Project.

4. Incentives are based on the estimated installation cost at the sole discretion, to be determined by Platte River, and will be provided to the contractor, or vendor of the contractor, before adjustment.

5. Platte River does not guarantee that its energy savings are realizable, and that its energy savings are not offset by any other credits, offsets, allowances, credits, or related to the Project.

6. Participant's contractors, vendors, and subcontractors, and Platte River is not responsible for equipment, materials, or labor provided by contractors, consultants, or vendors.

7. Participant is responsible for ensuring that the project complies with all applicable state, and local regulations, rules, and codes.

8. Participant agrees to ensure that the project complies with all applicable state, and local regulations, rules, and codes.

9. In consideration of receiving the rebate, Participant agrees to protect, defend, and hold harmless Platte River, its employees, partners, principals, agents, and representatives, from and against any and all claims, costs, damages, demands, expenses, fines, judgments, liabilities, losses, penalties, and remedial actions of any kind, including but not limited to, reasonable attorneys' fees and the costs of defense arising, directly or indirectly, in whole or in part, out of Participant participation in the Program, the performance of the measures, or the provision of assistance and incentives by Platte River related to the Program.

10. Payments provided by utilities (including Platte River) to Participants for the purchase or installation of energy conservation measures may in some circumstances be considered as (partially) taxable income by the IRS. Participants or their assigns receiving incentive payments totaling \$500 or more during a program year and who are not employees, partners, principals, agents, and representatives, from and against any and all claims, costs, damages, demands, expenses, fines, judgments, liabilities, losses, penalties, and remedial actions of any kind, including but not limited to, reasonable attorneys' fees and the costs of defense arising, directly or indirectly, in whole or in part, out of Participant participation in the Program, the performance of the measures, or the provision of assistance and incentives by Platte River related to the Program.

11. Platte River shall in no way be responsible for delivery of any applications, rebates, payment, loans or otherwise to the Participant through other rebate programs (i.e. Boulder County EnergySmart, Xcel Energy, etc).

Participant Agreement

I have read, understood, agree and possess the authority to execute this Request for Payment Form in relation to the terms and conditions listed above. This section to be completed by the customer.

Participant Signature* Date
 Name
 Title
 Company Name
 Mailing Address
 City, State, and Zip*

Page 1 of 2
 Page 2 of 2

Project Number: Not Preapproved
 Company Name:
 Rebate: \$0

Authorization to Pay Alternate Recipient

I (Participant) authorize Platte River Power Authority to make the incentive payment to the identified party below. This section to be completed by the participant. **ONLY COMPLETE THIS SECTION IF YOU WANT THE REBATE TO BE PAID TO AN ALTERNATE RECIPIENT!**

Participant Signature Date
 Name

Alternate Payment Recipient

This section to be completed by third party (such as installing contractor)

Contact Person Phone
 Title
 Company Name
 Mailing Address
 City, State, and Zip
 Comments

Need help?
 For more information or help filling out the application, call 877-981-1888 or email info@efficiencyworks.com



Enter Installation Cost

Completed at end of the project.



Participant Signs – required on all projects

Participant Signs – Complete section when Contractor receives rebate

Application Submissions

Email: Info@EfficiencyWorks.CO

Pre-Approval

- ✓ Project has not started
- ✓ Required for incentives over \$1,000
- ✓ Rebate Application
- ✓ Project Quote

For Payment

- ✓ Project Complete
- ✓ Rebate Application
- ✓ Project Invoice
- ✓ Signed Application
- ✓ W9

Lights-R-Us				Invoice	
1234 Main Street Longmont, CO 80503 303-867-5309				Date	1/1/2016
				Project Number	2016-087
Bill To		Ship To			
Name of Management Company 1234 Billing Address Street Loveland, CO 80537		Business Name 5678 Site Address Lane Estes Park, CO 80511			
Quantity	Manufacturer Part Number	Product Description	Unit Cost (\$)	Total (\$)	
5	WPLED80N/PCS	Replace 250W MH wall packs with RAB 80W LED wall pack with photocell (4000K, 82CRI)	\$ 145.00	\$ 725.00	
9	ZR24-40L-35K-10V	Replace three 3-lamp F32T8 fixtures with CREE 44W LED 2x4 Troffer (3500K, 90 CRI)	\$ 368.00	\$ 3,312.00	
12	45359-7	Relamp four 3-lamp F32T8 fixtures with Philips 12W InstantFit LED T8 Lamps (3500K, 82 CRI)	\$ 48.00	\$ 576.00	
3	73567	Replace 75W incandescent recessed lamps with Maxlite 15W LED Recessed Downlight Retrofit (3000K)	\$ 36.00	\$ 108.00	
48	LED10A1930K	Replace 60W incandescent A19 lamps with TCP Elite 10W Dimmable LED A19 (3000K, 82 CRI)	\$ 22.02	\$ 1,056.96	
1	N/A	Installation	\$ 2,500.00	\$ 2,500.00	
1	N/A	Recycling	\$ 150.00	\$ 150.00	
			Subtotal	\$	8,427.96
			Sales Tax	\$	589.96
			Estimated Rebate*	\$	4,356.00
			Total Project Cost	\$	4,661.92

Annotations:

- Quantities per line item are required. (points to Quantity column)
- Identify the existing equipment (points to Product Description column)
- Manufacturer's part number is required (to look up specifications and certifications) (points to Manufacturer Part Number column)
- Rebate amount required (if paid to contractor) (points to Estimated Rebate row)

Rebate Submittal: Trade Secrets

- ✓ Send project information to: Info@EfficiencyWorks.CO
- ✓ Reference project name and/or address
- ✓ Attach all project files in one email

Best!

✉	Efficiency Works	Assessment Lites R Us - 555 S. Main	Tue 2/3/2015 1:25 PM
✉	Efficiency Works	Project help	Tue 2/3/2015 1:24 PM
✉	Efficiency Works	Pre-app Subway Longmont	Tue 2/3/2015 1:23 PM
✉	Efficiency Works	Project Complete	Tue 2/3/2015 1:22 PM
✉	Efficiency Works	Project Update	Tue 2/3/2015 1:22 PM
✉	Efficiency Works	Hilton Chiller question	Tue 2/3/2015 1:21 PM
✉	Efficiency Works	question?	Tue 2/3/2015 1:21 PM
✉	Efficiency Works	Approval	Tue 2/3/2015 1:20 PM
✉	Efficiency Works	Rebate Final Cheap Beer Liquor Store	Tue 2/3/2015 1:20 PM
✉	Efficiency Works	Pre-Approval 1234 Main Street	Tue 2/3/2015 1:19 PM

Rebate Submittal: Trade Secrets



Business Rebate Application 17.2

Page 1 - General Customer and Project Information

Instructions: Fill out this page with the utility customer information. Fields marked with a * are required. Enter the mailing address, even if it is the same as the site address.

Participant Information (Utility Customer)

Company Name *	Doing Business As
Contact Person *	Title
Site Address *	Mailing Address *
City, State, Zip *	City, State, Zip *
Telephone *	Email

Party Completing Form, if different from participant above (e.g. contractor, property manager, energy advisor)

Company Name *	Contact Person *
Mailing Address *	Telephone *
City, State, Zip *	Email

Incentive Payment Recipient

Entity * Select Incentive Payment Recipient	Contact Person *
Company Name *	Telephone *
Mailing Address *	Email
City, State, Zip *	Notes/Comments

Project Site Information

Serving electric utility * Select your local utility	Facility Type * Select facility type	
Serving Water Utility * Select your local utility if applying for water rebates *	Other (describe)	
Operating hours per year *	Project Type * Select your project type	
Operating hours (description)	Year Built	Year Remodeled
	Building (sq ft)	Project (sq ft)

Project Schedule

Start Date	Completion Date *
------------	-------------------

- ✓ Complete all required sections
- ✓ Pre-Approval Goal: 1 Business Day
- ✓ Payment Goal: 4-6 Weeks

Submit to:
Info@EfficiencyWorks.CO

Completion Date:
Estimate at Pre-Approval



2017 Multi-Family Application

- ✓ All projects completed on Multi-Family properties must use this application

For Business

Efficiency Works™ helps you identify and implement cost-effective efficiency upgrades for new or existing buildings.

As a business and building owner, you can sign up for a free facility assessment, apply for efficiency rebates and [find a local Efficiency Works Provider](#) to implement your efficiency project. You must be a current business customer receiving electric and/or water service from Estes Park Light and Power, Fort Collins Utilities, Longmont Power & Communications, or Loveland Water and Power.



Please click on a + to see more information.

Important Links for Businesses

[Assessment Application](#)

[Building Tune-up Application](#)

[Business Rebate Application](#)

[Multifamily Rebate Application](#)

[Find a Provider](#)

[Design Assistance for Fort Collins Customers](#)

[AC Commissioning Form](#)

Get Started!

1. Develop project proposal and obtain customer commitment
2. Complete a rebate application and submit to Efficiency Works for pre-approval with detailed project quote – Info@EfficiencyWorks.CO
3. Complete Project
4. Submit final paperwork to Efficiency Works
 - Final invoice and W9
 - Signed request for payment
 - Final application
5. Receive payment within 4 to 6 weeks
 - Rebate can be paid to contractor or customer

Efficiency Works Business:

The Future

Future Plans (2017)



- New Pilot Programs to meet higher goals in 2017 and beyond, for example:
 - Datacenter efficiency
 - Strategic Energy Management support
 - New program models
- Midstream Cooling Incentive Program
 - RTU's, Air Cooled Chillers
- New Software to apply and manage rebates and projects
- New Website and More Staff
- Fort Collins: Midstream Irrigation Program

2017 Trainings (3rd Tuesday)



Outdoor Lighting: Dark Sky, Safety, Energy Efficiency and Code Compliance

- Fort Collins, Feb. 21, 8:30-10:00 am

Water Efficiency: Web-Enabled Controllers

- Fort Collins, March 21, 8:30 am - 10:00 am

Alternative and High Efficiency Cooling Technologies

- Fort Collins, April 18, 8:30-10:00 am

- Longmont, April 18, 3:00-4:30 pm

Lessons from the Field: Multi-Family Building Air Tightness

- Fort Collins, May 16, 8:30-10:00 am

And more at <https://efficiencyworks.co/training/>

2017 Business Program Awards

(Awards will be given out in November)

- Customer Service
- Largest Energy Saver: Single Project
- Largest Energy Saver: Contractor
- Largest Water Saver: Single Project
- Most Innovative
- Efficiency Works Honorable Mention



Efficiency Works Business:

Contact Us

Info@EfficiencyWorks.CO

1-877-981-1888