



Estes Park
Light and Power

Fort Collins
Utilities

Longmont
Power &
Communications

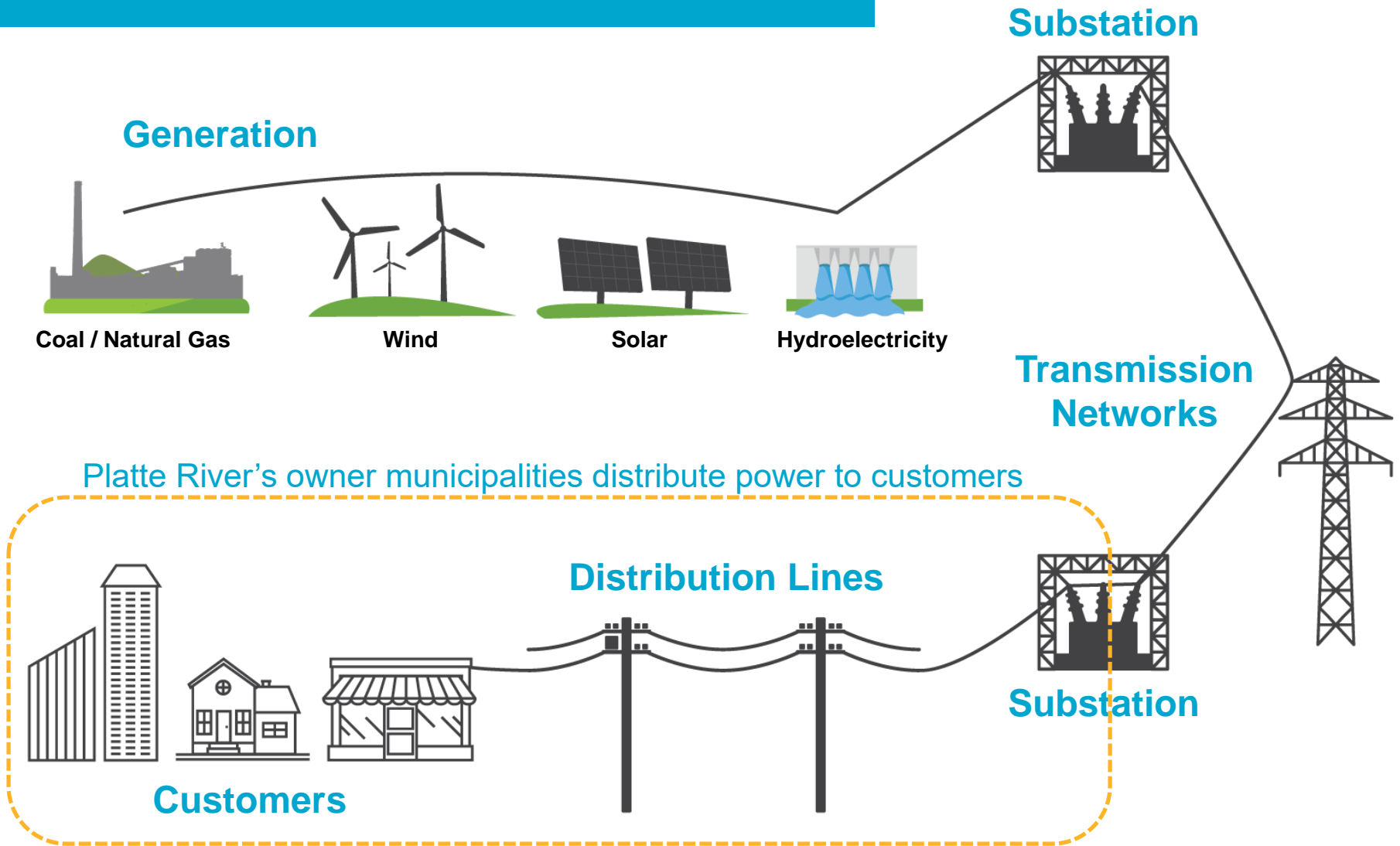
Loveland
Water and
Power

Platte River
Power Authority

Efficiency Works Business: 2018 Rebates & Goals

January 25, 2018

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



A Collaborative Effort



A Collaborative Effort

Fort Collins Utilities

John Phelan	Liesel Hahn
Brian Tholl	Renee Davis
David Suckling	Lisa Gardner
Diana Royval	John Robson
Crystal Shafii	Wendy Serour
Michael Authier	Peter Iengo
Lisa Schroers	Tony Raeker
Gary Schroeder	Dustin Main
Kim DeVoe	Kirk Longstein
Todd Musci	Abbye Neel
Lucas Mouttet	Leland Keller

Longmont Power & Communications

Anne Lutz
Chuck Finleon
Robert Love
Tracie Tovar
Marisa Jarae

Loveland Water and Power

Tracey Hewson
Lindsey Bashline
Gretchen Stanford
Allison Bohling

Platte River

Adam Perry
Bryce Brady
Adam Zipperer
Adrien Kogut
Alaina Hawley
Melissa Wangnild
Paul Davis
Sarah Stanton Johnson
Scott Suddreth

Estes Park

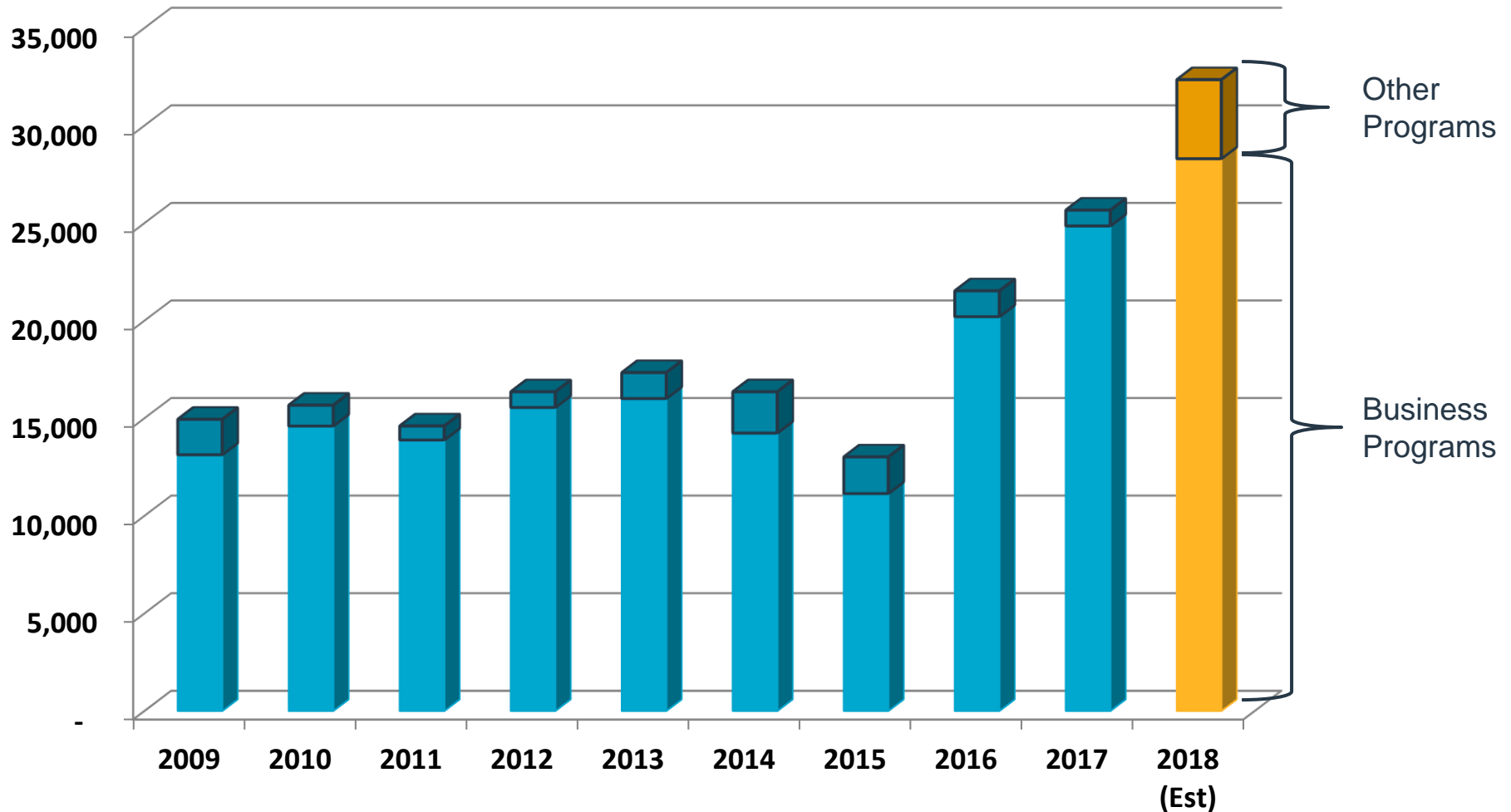
Susie Parker
Rueben Bergsten

... and more



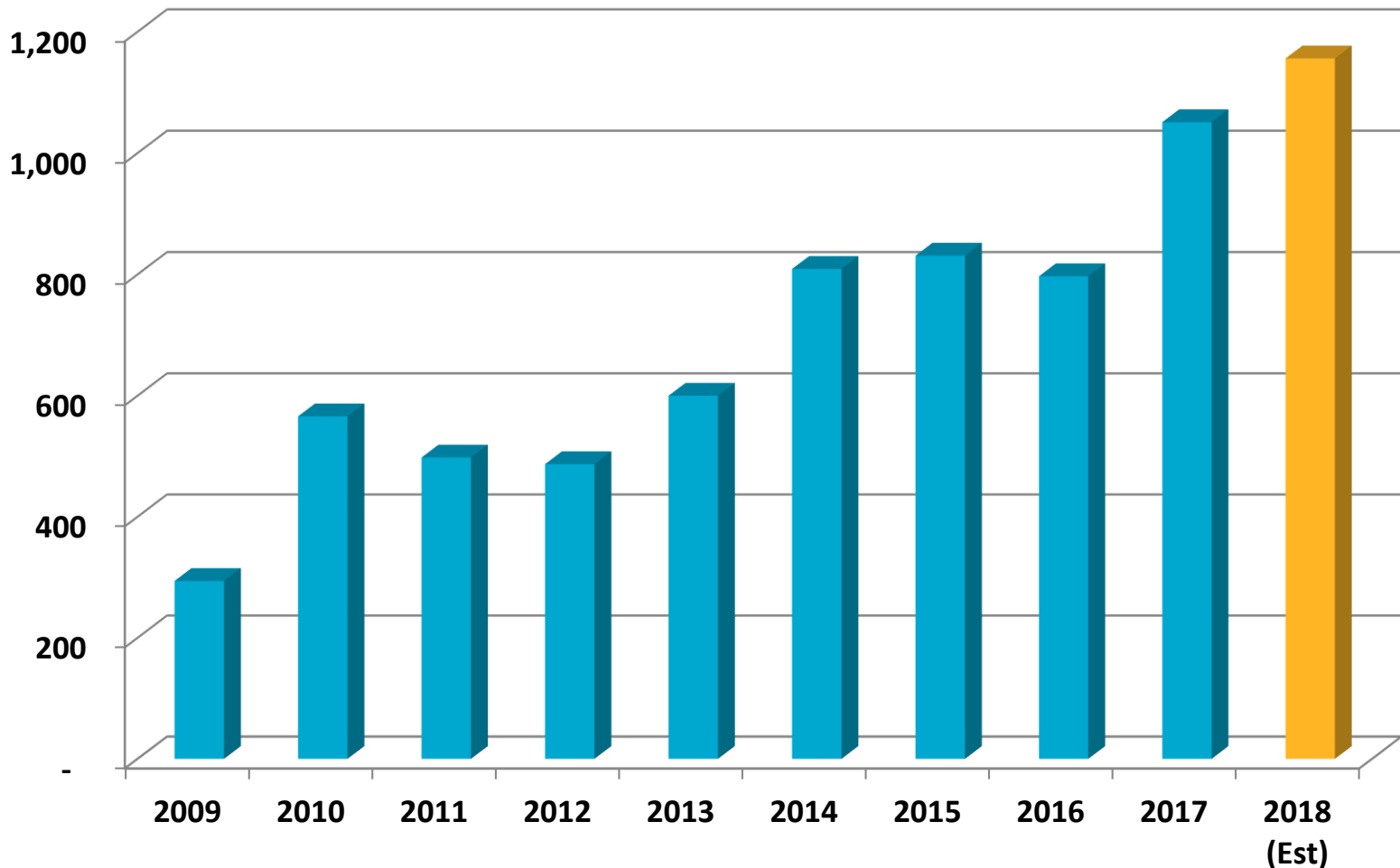
Increased Savings Goals

Annual Energy Savings (MWh's)



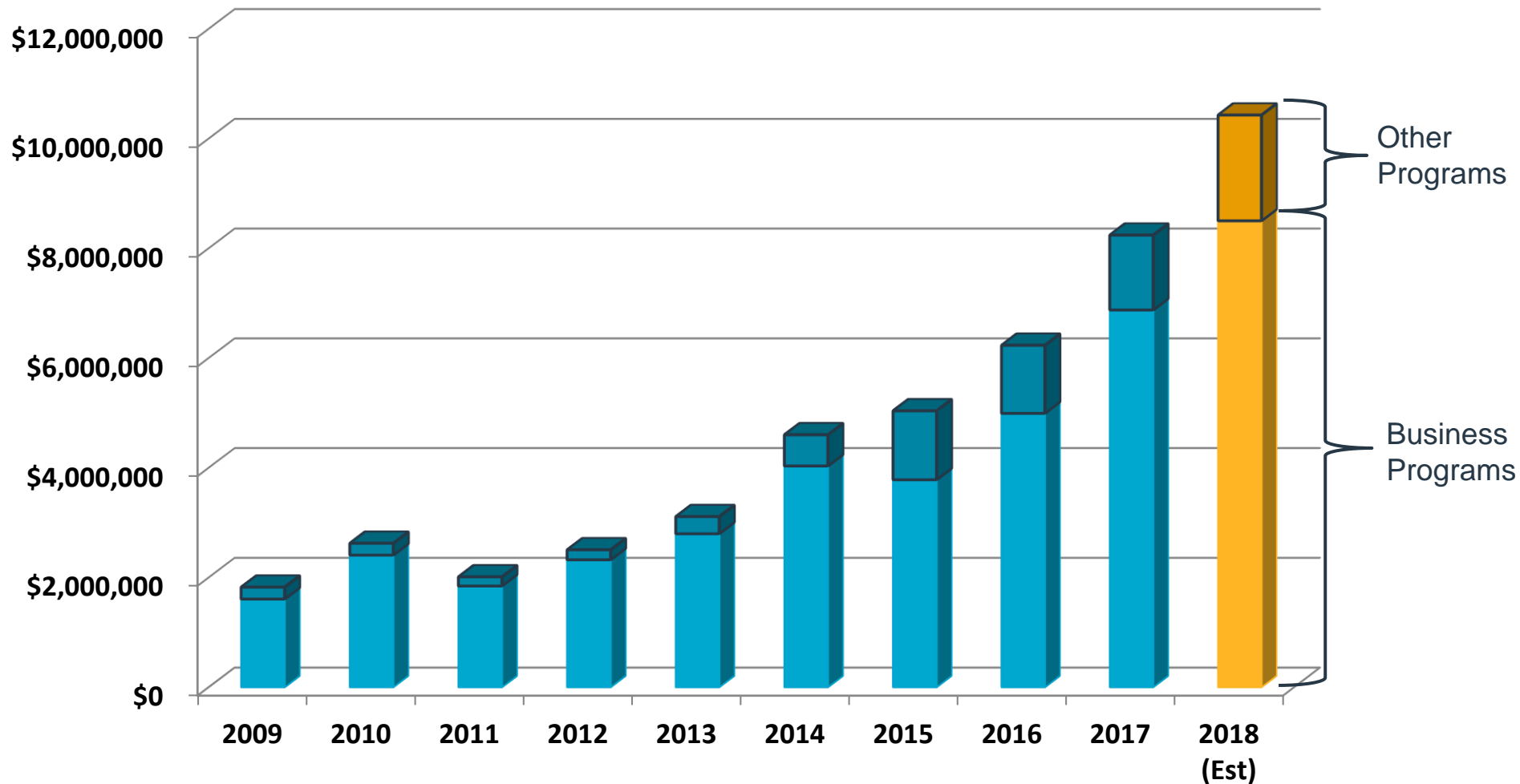
Number of Business Upgrades

Efficiency Works Business



Increasing Budgets

Energy Efficiency Spending



Program Funding



Estes Park
Projects



Fort Collins
Projects

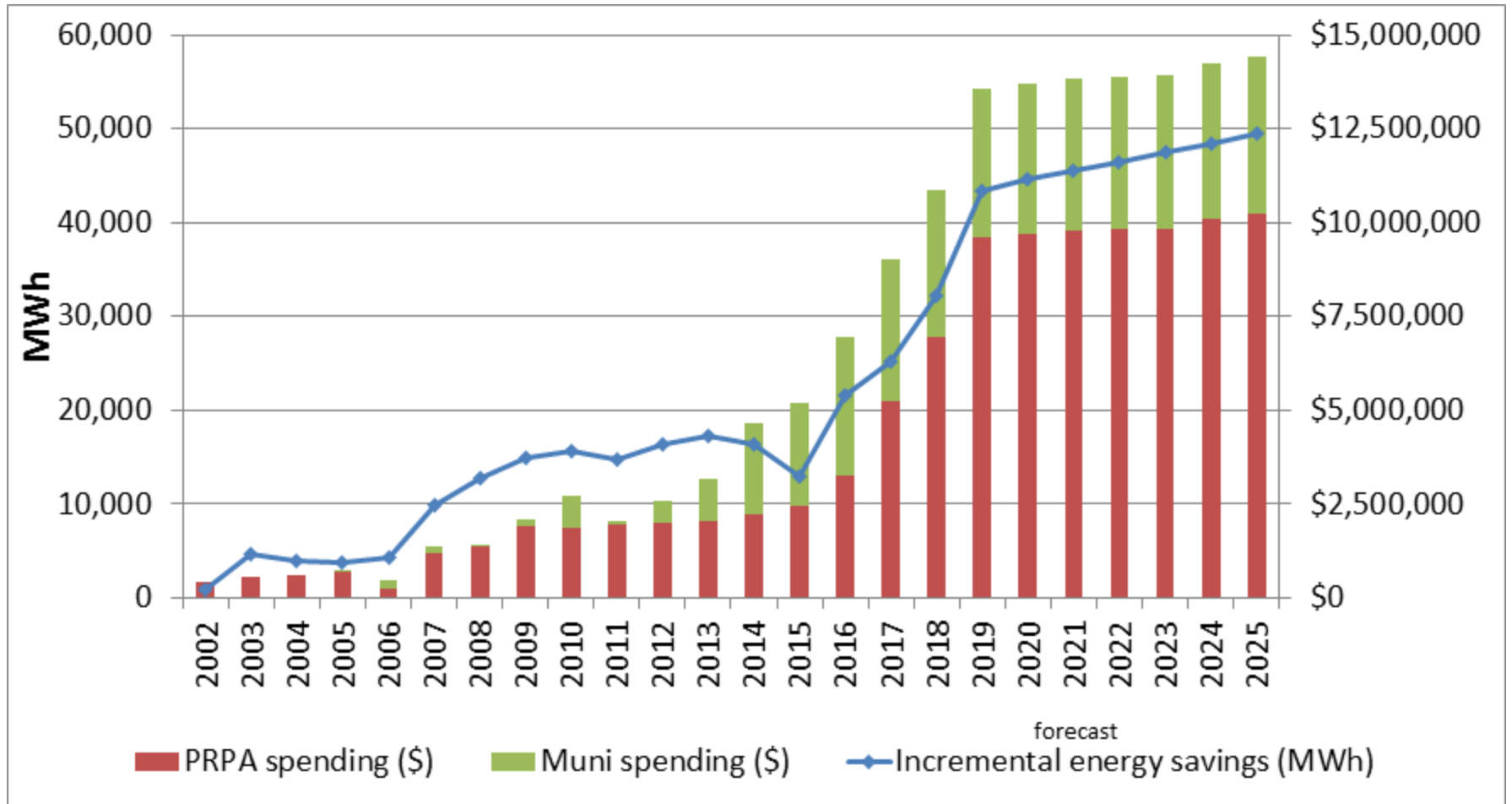


Longmont
Projects



Loveland
Projects

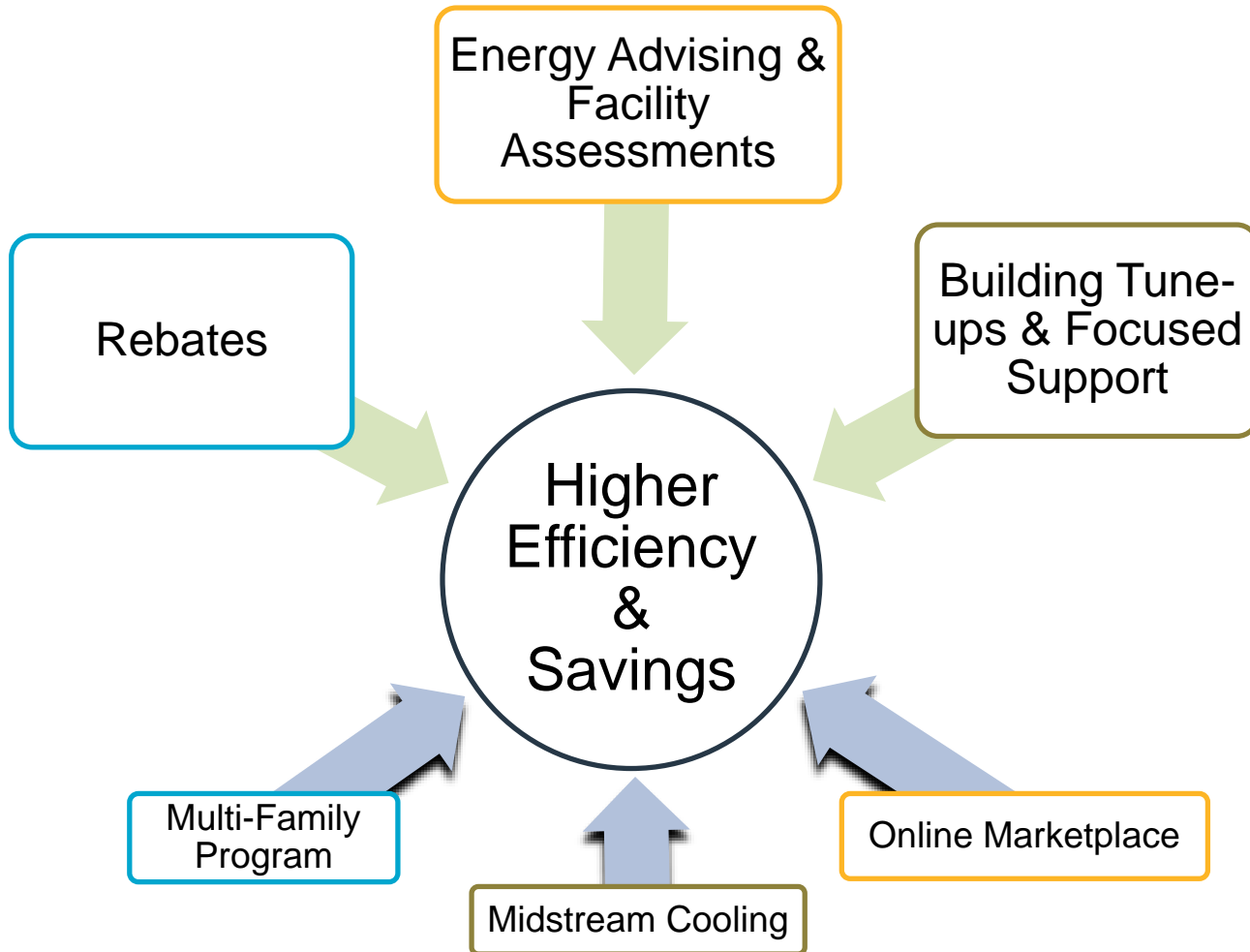
Efficiency into the Future



Efficiency Works Business:

2018 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*

Optimizing 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.



Energy Advising

- Required for incentives over \$10,000 (before pre-approval).
- Quality Assurance for the Customer, Contractor and Program
- Connects you to our technical resources



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

Efficiency Works Business:

2018 Rebates

Rebate Changes for 2018

- Lighting
 - Limited time 25% bonus on new LED fixtures for retrofit upgrades
- Multifamily Program Launch
 - Multifamily program application
 - Free site assessment and direct installs
 - Energy Advising
 - No Multifamily rebate application (included on business app)
- Water Incentives (Fort Collins only)
 - Free Aerators and spray valves (no more rebates)
- Energy Advising requirement for large incentives



2018 Project and Customer Caps



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

Lighting (Retrofits)

Upgrade Type	Rebate Amount \$/watt reduced (relative to existing)	Examples
LED fixture (fluorescent replacement)	\$1.50	Troffers, wraps, fluorescent high bays, hardwired recessed downlights replacing CFL downlights
LED fixture (HID or incandescent replacement)	\$0.75	Area lights, flood lights, wall packs, HID high bays, hardwired recessed downlights replacing HID downlights
LED Retrofit (Fluorescent replacement)	\$0.50	Type C LED tubes with external driver, area light retrofits, recessed downlight trim kits that use us an E26 base, monument and backlit signs
LED Retrofit (HID or incandescent replacement)	\$0.25	Area light retrofits, LED exit signs, monument and backlit signs, recessed downlight trim kits that use an E26 base.
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



400w
Metal Halide

100w
LED

With 25% New Fixture Bonus

~~\$269~~
per fixture

\$336
per fixture

Fluorescent to LED Example



4-Lamp T8's (114w)

LED Troffer (40w)

With 25% New Fixture Bonus

~~\$111~~
per fixture


\$139
per fixture

New LED Fixture – 25% Lighting Bonus

- **25% Lighting Bonus on New LED Fixtures**
 - Retrofit Projects Only
 - New Construction & Major Renovation upgrades do NOT qualify
 - Projects must be pre-approved on or after December 1, 2017
 - Projects must be completed and submitted for payment on or before November 15, 2018
 - Calculated on Page 11 of the rebate application
 - Limited time only while funding is available

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?
 - Interior Only

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

Project Information

Energy Code: 2012 IECC
 Project Title: [Redacted]
 Project Type: [Redacted]

Construction Site: [Redacted] Owner/Agent: [Redacted] Designer/Contractor: [Redacted]

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" T8 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 88W: Electronic:	2	1	192	192
Linear Fluorescent 7 copy 1: S2(R): Relocated 8' Strip: 96" T8 HO 88W: 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.

Name - Title: [Redacted] Signature: [Redacted] Date: 11-10-15

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
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
		Other buildings: R-25 + R-10 liner system
Attic Insulation	\$0.16 Per SF attic	Total insulation value \geq R-49
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

‡ SHGC = Solar Heat Gain Coefficient

‡‡ c.i. = continuous insulation

Food Service

Equipment Type*	Incentive	Criteria
Ice Machine	\$300 per unit	CEE Tier 2
	\$200 per unit	ENERGY STAR
Hot Food Holding Cabinet (≥ 7 ft ³)	\$600 per unit	ENERGY STAR
Reach in Refrigerators & Freezers	< 19 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	\$50	per door
	Reach-in cooler	\$50	per door
	Walk-in freezer	\$50	per door
	Walk-in cooler	\$50	per door
Gaskets	Reach-in freezer	\$7	l.f. of door perimeter
	Reach-in cooler	\$6	l.f. of door perimeter
	Walk-in freezer	\$7	l.f. of door perimeter
	Walk-in cooler	\$6	l.f. of door perimeter
Strip curtain	Walk-in freezer	\$150	per door
	Walk-in cooler	\$75	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

ASH= Anti-Sweat Heater

l.f. = lineal foot

EC = electronically commutated

Office & Appliance

Equipment Type	Incentive	Criteria
Desktop/side computer	\$12	ENERGY STAR
Thin Client (Fort Collins Only)	\$50	ENERGY STAR
Server Virtualization	\$250	Virtualization agreement for existing server
LED desk lamp	\$15	ENERGY STAR
LED undercabinet fixture	\$5	ENERGY STAR
LED floor lamp	\$20	ENERGY STAR, 55 w Max
Advanced (Smart) Power Strip, Tier 1*	\$7	Master/control Device
Advanced (Smart) Power Strip, Tier 2*	\$20	Motion or Schedule
Vending Machine Controls	\$90	Occupancy or Schedule
Clothes Washer	Residential***	ENERGY STAR
	Commercial Vended***	ENERGY STAR
	Commercial Non-Vended***	ENERGY STAR
Dishwasher, Residential***	\$25	ENERGY STAR
Refrigerator, Residential	\$50	ENERGY STAR

VFD's

- All 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
Clothes Washer	Residential	\$50	ENERGY STAR
	Commercial Vended	\$250	ENERGY STAR
	Commercial Non-vended	\$125	ENERGY STAR
Commercial Dishwasher		Up to \$2000	ENERGY STAR
Toilet	Tank** (≤ 1.1 GPF)	\$75	WaterSense
	Flushvalve (≤ 1.28 GPF)	\$100	WaterSense
Urinal (< 0.125 GPF)		\$100	WaterSense
Waterless Urinal		\$100	Select From List On App
High Efficiency Showerheads		\$10	Less than 1.5 GPM
Ultra High Efficiency Sink Aerators Call Fort Collins Utilities at 970-416-2877 for free aerators		FREE	0.5 GPM or less
High Efficiency Pre-Rinse Spray Valves Call Fort Collins Utilities at 970-416-2877 for up to 2 free spray valves		FREE	WaterSense
Rebates for irrigation equipment are no longer available through this rebate application. Contact Eric Olson at Fort Collins Utilities for more information 970-221-6794 or eolson@fcgov.com			

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



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 homepage. At the top is a dark navigation bar with the logo on the left and menu items 'Homes', 'Business', and 'Service Providers' in the center. On the right of the navigation bar are 'Log in' and 'Search' options. Below the navigation bar is a main content area. On the left, there is a 'For Business' section with a 'Business Rebate Update' box containing text about a December 1st rebate. Below this is a blue heading: 'Efficiency Works™ helps you identify and implement cost-effective efficiency upgrades for new or existing buildings.' This is followed by a paragraph about signing up for a free facility assessment and finding a local provider. To the right of this text is a video player showing the Efficiency Works logo. Below the video are three expandable sections: '+ Free Technical Support', '+ Rebates', and '+ How to Participate'. At the bottom of this section is a link to the 'Efficiency Works Program Guide'. On the right side of the page, there are two white boxes. The top one is titled 'Important Links for Businesses' and contains several underlined links, with 'Assessment Application', 'Building Tune-up Application', and 'Business Rebate Application' circled in orange. The bottom one is titled 'Upcoming Training' and contains text about training availability with a 'click here' link.

Efficiency Works™ Homes Business Service Providers Log in Search

For Business

Business Rebate Update

December 1st: New rebate application is now available. For a limited time, a 25% rebate bonus is available for new LED fixtures for any project pre-approved, completed, and submitted for final payment by November 15, 2018. This bonus is available in all locations.

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](#)
- [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](#).

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.

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

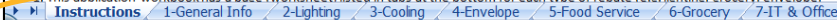
- Determine project eligibility. The project site must be an electric customer of Town of Estes Park Light & Power Department, Fort Collins Utilities, Longmont Power & Communications, or Loveland Water and Power. For water rebates, the customer must be a water customer of Fort Collins Utilities (i.e. 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 *
------------	-------------------

* Required Information

Navigate between pages



Application

Business Rebate Application 18.2 Page 2 - Lighting

For a limited time, a **25% rebate bonus** is available for **new LED fixtures** for any project pre-approved, completed, and submitted for final payment by **November 15, 2018**. This bonus is available in all locations.

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. **REMINDER: Exterior light fixtures must comply with local land use code, which may require the fixtures to be full cutoff.**


Existing Fixture						New Fixture					Rebate	
Line #	Old Fixture Type	Old Fixture Description	Location (e.g. parking lot, break room, etc)	Old Fixture Quantity	Old Fixture Wattage	Rebate Category (see descriptions below)	New Fixture Controls (see descriptions below)	New Fixture Quantity	New Fixture Wattage	Annual Operating Hours	Fixture Incentive (\$)	Total Incentive (\$)
e.g.	T8 Fluorescent	2-lamp F32T8	Conference Room 241	8	58	LED fixture (replacing fluorescent)	Not upgraded	8	28.0	2,200	\$45.00	\$360
1	T8 Fluorescent	2-lamp F32T8	break room	10	58	LED fixture (replacing fluorescent)	Not upgraded	10	32.0	3,000	\$39.00	\$390
2						LED fixture (replacing fluorescent)						
3						LED fixture (replacing HID/incandescent)						
4						LED Retrofit (replacing fluorescent)						
						LED Retrofit (replacing HID/incandescent)						
						LED Exit/Other						
						LED exit sign						
						None						

Lighting has drop down menus



Enter quantities of new equipment on other pages





Company Name:

Project Number:

Business Rebate Application 18.2 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*	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
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				

Application

Rebate Summary

Payment Request

Efficiency Works™ Company Name: _____
 Project Number: Not Preapproved

Business Rebate Application 18.2
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. **REMINDER: Exterior light fixtures must comply with local land use code, which may require the fixtures to be full cutoff.**

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
Office and Appliance		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
		LED Lighting New Fixture Bonus**		\$0
		Total estimated rebate		\$0
		Total cost after incentive		\$3,500
		Simple Payback of All Projects (years)		1.7

* Electricity, water, and cost savings are estimates for reference only. They may not predict savings for your project.
 ** A 25% bonus rebate on all new LED fixtures for projects that are completed and submitted for payment by November 15, 2018 is available for commercial customers. All final rebate applications and supporting documentation must be submitted on or before

Efficiency Works™ Project Number: Not Preapproved
 Company Name: _____
 Rebate: \$0
 Estimated Annual Savings: \$2,075

Page 12 - Request for Payment

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 W-9 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 a pro-rated portion of the incentive should Platte River find, in its sole discretion, that its energy savings are reduced by the Participant's actions 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.
 4. Platte River and its Own environmental attribute credit receiving a benefit or cash incentive. Credits include any credits, offsets, allowances, Credits, and any other tax credits related to the Project.
 5. Incentives are based on the estimated installation cost of the equipment. Platte River will provide the discrepancy before adjustment.
 6. Platte River does not guarantee that Platte River makes no warranty. Participant's contractors, vendors, or other parties are responsible for ensuring that the project complies with all applicable state, and local regulations, rules, and codes.
 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 this incentive, Participant agrees to defend, and hold harmless, Platte River, its employees, partners, principals, contractors, 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 \$600 or more during a program year and who are not organized as a corporation will receive a 1099-MISC from Platte River in January of the following year. Participants who are not organized as a corporation will receive a 1099-MISC from Platte River in January of the following year. Platte River shall not be responsible for delivery of any applications, invoices, 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 _____ Name _____
 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.



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

- ✓ Complete all required sections
- ✓ Pre-Approval Goal: 1-2 Business Days
- ✓ Payment Goal: 4-6 Weeks

Submit to:
Info@EfficiencyWorks.CO

Completion Date:
 Estimate at Pre-Approval



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	Title	
Contact Person *			
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 *	Title	
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 <small>if applying for water rebates *</small>	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 *

Rebate Submittal: Trade Secrets

[< back to results](#)

PIXI - LED Panel Light : FLT11R27MD0811-A

Specifications

ENERGY STAR Partner®:	Pixi Lighting
Indoor/Outdoor:	Indoor
Fixture Type:	Other
Technology®:	LED
Total Light Output (lumens)®:	900
Appearance/Correlated Color Temperature (K)®:	2700K,4000/4100K,3000K
Total Input Power (Watts)®:	11.7
Energy Efficiency - Measured Outside the Fixture (lumens/Watt)®:	76.9230769231
Power Factor®:	0.97
Color Quality (CRI)®:	80
Light Source Life (hrs)®:	50000
Special Features®:	
Light Source Connection/Base Type:	
Date Available On Market®:	
Date Certified®:	
Markets®:	

Faster processing time if you:

- ✓ Send in a spec sheet for your equipment showing program requirements
- ✓ Include DLC ID#s on your quote/proposal
- ✓ Send in a screenshot of your equipment on DLC or Energy Star

Lights-R-Us

Model Number	Description	Manufacturer	DLC ID #
ZY-ST4FT40 (5000K)	4 ft 40W LED strip light	James Trading Company LTD	P5P532VW
ZY-ST8FT60 (5000K)	8 ft 60W LED Strip Light	James Trading Company LTD	P5F1DDUP

Complete a Project with Efficiency Works

1

Identify Project

Get verbal go ahead from customer



Send in Pre-approval

2

Pre-Approval



Receive an Approval Code

3

Complete Project



Send in Request for Payment

4

Request Payment



Receive Final Incentive Confirmation

5

Incentive Check



Receive Incentive Check

When the customer is ready to move forward with the project given your estimated rebate amount, it is time for pre-approval. Send the application and project quote in to Efficiency Works.

Efficiency Works staff reviews your application to make sure that it is inline with program rules. Energy advising or an inspection may be necessary before being granted an approval code.

After the upgrade is made or the equipment is installed it is time to send in final paperwork. Send in the signed Request for Payment, final invoice, application, and W9 to Efficiency Works.

Efficiency Works staff will review the final paperwork to verify energy savings and final incentive. Once all proper paperwork is received you will be notified that processing is complete and if there were any changes to the incentive.

Both the customer and contractor will receive a letter when final processing is complete. These letters summarize the project and the appropriate party's letter will include the incentive check.

Both the customer and contractor will receive a letter when final processing is complete. These letters summarize the project and the appropriate party's letter will include the incentive check. Receive letters in 4-6 weeks.

Efficiency Works Business:

The Future

Future Plans (2018 & Beyond)



- New Pilot Programs to meet higher goals in 2018 and beyond, for example:
 - Direct Installs & Energy Advising
 - Large Customer Program
 - Online Marketplace
 - New program models
- Future Collaboration with gas providers
- Online access to Efficiency equipment
- New Website
- New Contractor management software
- Increase in Marketing

2018 Trainings



Lighting Best Practices Lunch and Learn Series

- Fort Collins, Feb. 6, 13, & 20, 11:30 am- 1:00 pm

Dynamic Duo: The Combined Power of Energy Efficiency and Renewables

- Fort Collins, March 22, 8:30 am- 10:00 am

Put Your Summer Irrigation on a Budget

- Fort Collins, April 26, 8:30-10:00 am

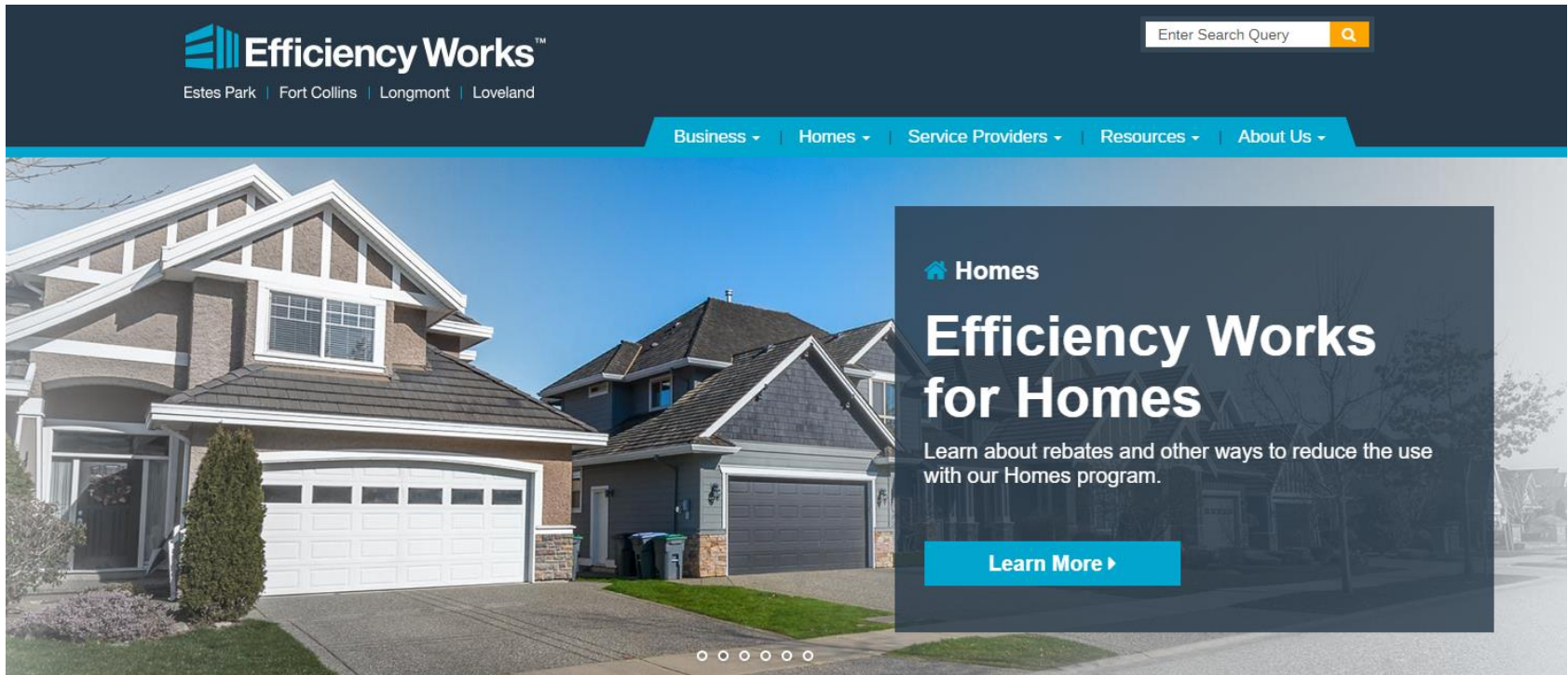
Energy Efficiency 101

- Fort Collins, May 24, 8:30-10:00 am

- Longmont, May 24, 3:00- 4:30 pm

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

New Website & Email Coming



www.EfficiencyWorks.CO

info@EfficiencyWorks.CO



www.EfficiencyWorks.org

Business@EfficiencyWorks.org



2018 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

**Call direct at
970-229-4823**