



Estes Park | Fort Collins | Longmont | Loveland

Efficiency Works Business Commercial HVAC optimization: unlocking opportunity and enhancing comfort

April 2024



Alaina Hawley

Platte River Power Authority

Supervisor, distributed energy solutions

Safety minute and housekeeping items

Food and beverages

- Help yourself throughout
- Garbage cans in the back

Restrooms

- Outside the rear doors

Guest check-in and public area

- All guests should have checked in at the security desk and received a visitor badge
- Visitors must stay in the public area unless escorted by a Platte River employee

Emergency protocols

- Emergency exits
- Meeting location/find a Platte River employee

Commercial HVAC Optimization: unlocking opportunity and enhancing comfort

Agenda

- Efficiency Works Business general overview
- Efficiency Works Business retrofit rebate offerings
- Performance Plus program overview
- Retrocommissioning program overview
- Questions & answers

Efficiency Works Business 101



Platte River Power Authority

About

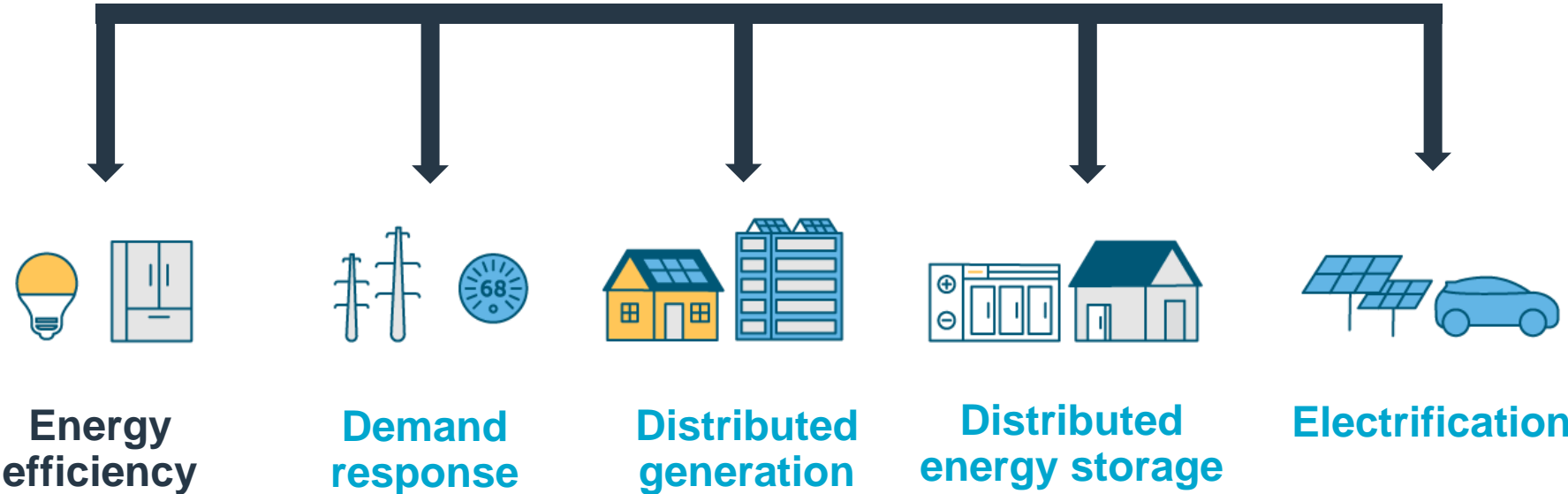
- Platte River began operations in 1973
- Owner communities: Estes Park, Fort Collins, Longmont and Loveland
- Governed by an eight-member board of directors comprised of each mayor and a person appointed by each owner community's governing body
- Approximately 300 employees
- Visit prpa.org for more information
- Collaborated with owner communities to launch Efficiency Works in 2014



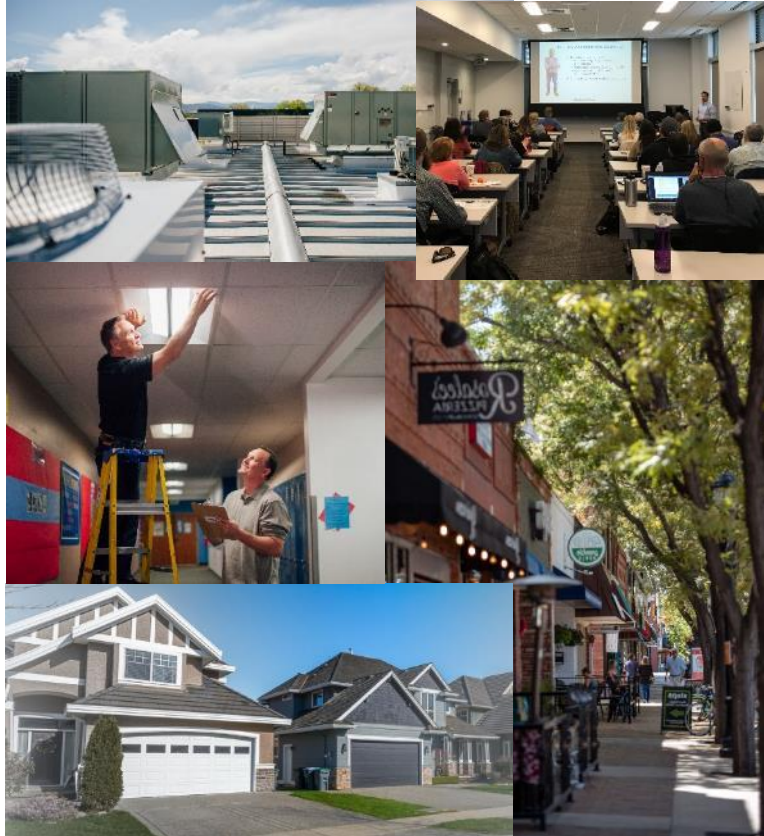
Platte River
Power Authority

Platte River Power Authority

Distributed energy resources



Efficiency Works overview



What is Efficiency Works?

- Efficiency Works unites the energy and water efficiency offerings of the northern Colorado utilities of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications, Loveland Water and Power and Platte River Power Authority.
- The most sustainable way to use energy is to use as little as necessary to meet your needs. Efficiency Works offers home and business energy advising to help you save energy, water and money.



 **Efficiency Works™**

10
YEARS

Efficiency programs for all needs



Resources

Work with staff to access professional resources to support projects or get facility assessments completed.



Service providers

Be listed on the Efficiency Works “Find a service provider” page used by customers looking for efficiency upgrade professionals.



Incentives

Offset the cost of efficiency upgrades through rebates and direct install opportunities.



Building tune-ups

Optimize existing facilities’ HVAC systems through enhanced maintenance and retrocommissioning efforts.

Five years of impact

Business

Over 200 service providers participated

Over 19,000 LED lamps installed

Over \$24 million rebates paid



Over 90,000 MWh saved

Over 3,200 upgrades

Over \$8.7 million saved annually

2024 Retrofit HVAC rebates



2024 rebates

Cooling retrofits

Upgrade Type	Rebate
Programable thermostat	\$100 per ton
Install economizer	\$100 per ton
Integrated economizer with DX	\$10 per ton
Demand control ventilation (DCV)	\$20 per ton
Variable speed supply fan	\$200 per hp
Advanced RTU controllers	\$200 per unit
Evaporative condenser cooling*	\$100 per ton
Evaporative cooling*	\$0.20 per CFM

*Available for new construction and major renovation where not required by code or included in the efficiency of new equipment.

2024 rebates

Variable frequency drives (VFDs)

Motor capacity (hp)		Fans & pumps* incentive (\$/hp)
Min	Max	
1	75	\$300
75	+	Custom

Motor capacity (hp)		Compressors* incentive (\$/hp)
Min	Max	
1	75	\$150
75	+	Custom

*Available for new construction and major renovation when not required by code or included in the efficiency of HVAC equipment.

2024 rebates

Office equipment and appliances

Upgrade Type	Requirements	Rebate
Advanced (smart) power strip, Tier 1	Master/control Device	\$7
Advanced (smart) power strip, Tier 2	Motion or Schedule	\$20
Vending machine controls	Motion or Schedule	\$90
Smart thermostat for residential HVAC systems	ENERGY STAR®	\$50
Line voltage smart thermostats for electric baseboard heaters	Required to have an app interface and connect to Wi-Fi	\$75
Clothes washer ^{1,2} (residential or commercial, including vending) Electric and water ¹ savings	ENERGY STAR®	\$25 - \$275
Dishwasher (residential style) ²	ENERGY STAR®	\$25
Refrigerator (residential style) ²	ENERGY STAR®	\$50
Tank toilet ³ (rebate dependent on GPF and MaP requirement)	WaterSense	\$25 - \$75
Flushvalve toilet ³ (rebate dependent on GPF)	WaterSense	\$80 - \$110
Urinal ³ (rebate dependent on GPF)	WaterSense	\$80 - \$110

1. Can be combined with any eligible water incentives.
2. Available for new construction and major renovation.
3. Not available for new construction and major renovation.

2024 rebates

Building envelope*

Upgrade Type	Requirements	Rebate (\$/SF)
Windows (tier 1)	$U \leq 0.30$, SHGC < 0.25	\$3.00
Windows (tier 2)	$U \leq 0.18$, SHGC ≤ 0.22	\$6.00
Window film	SHGC ≤ 0.35	\$1.50
Attic insulation	R-49	\$0.16
Roof insulation	Above deck: R-30 CI Metal bldg.: R-19 + R-13 liner Other: R-25 + R-10 liner	\$0.32
Wall insulation	Mass: R-20 CI Metal bldg.: R-21 CI Steel frame: R-13 +R-12 CI Wood frame: R-13 +R-8.5 CI Wood frame: R-19 +R-6 CI	\$0.06
Cool roof	Low-sloped roof: initial solar reflectance ≥ 0.65 and solar reflectance after 3 years ≥ 0.50 Steep-sloped roof: initial solar reflectance ≥ 0.25 and solar reflectance after 3 years ≥ 0.15	\$0.18

*Not available for new construction and major renovation.

2024 rebates

Custom

Category	Rebate
Energy	\$0.10 per kWh (first year)
Summer peak demand	\$500 per kW
Water (Fort Collins only)	\$10 per 1,000 gallons/year saved

Summer peak hours are weekdays, June through August, between 3 and 6 p.m.
Additional rules apply; see the current version of the rebate application for all restrictions.

2024 – 25% bonus

Beginning January 1, 2024, for projects completed by November 15, 2024

Eligible categories include:

- Lighting
- Food service
- Grocery
- Building envelope
- Cooling
- VFDs

Community Efficiency Grant

Helping those that serve the community

Additional 1.5 times the standard rebate amount

- Pays up to 100% of project cost
- Standard rebate caps apply
- Eligible multifamily properties and non-profit businesses
- Rebate and grant application submitted starting January 1, 2024
- Project must be completed by November 15, 2024

2024 CEG eligibility criteria expansion

All multifamily properties and community service organizations

Community service organizations (Must select 2 or more)

- The applicant is an IRS 501(c)3 nonprofit organization in good standing with the State of Colorado.
- The application is a community service provider, defined as a non-profit, tax-exempt entity whose core mission is to provide one of the following critical services: (must select at least one)
 - Childcare centers in dedicated commercial spaces
 - Community centers
 - Disability service providers
 - Domestic violence centers
 - Emergency services organizations
 - Family support organizations
 - Food pantries
 - Homeless shelters
 - Immigration service providers
 - Job training and workforce development services
 - Libraries not owned by a town or municipal government
 - Mental and behavioral health facilities
 - Rehabilitation providers
 - Women's or children's shelters
- The applicant is a place of worship with low-income or community welfare services provided directly from the organization. Efficiency upgrades must be completed in facility area providing low-income services to qualify. A summary of services and what parts of the facilities they are provided in, must be submitted along with this application.
- Other (if there are additional eligibility considerations, please tell us why your business/organization should qualify for this grant):

Multifamily properties

- The applicant's building has 5 or more residential units and a commercial electricity meter.
- Other (if there are additional eligibility considerations, please tell us why your business/organization should qualify for this grant):

2024 rebate process



Rebate process overview – timing and documentation

Pre-approval

- Pre-approval is required for any grant project or rebates >\$10,000
- Timing = after quotes received, before materials are ordered
- Documentation:
 - Rebate and grant application
 - Project proposal (address, quantities, cost)
 - Spec sheets

Final submittal for payment

- Timing = after installation complete and final invoices received
 - **rebate application must be submitted within 45 days of project completion**
- Documentation:
 - Rebate application with any updates (cost, quantity, etc.)
 - Final invoice listing the rebate amount (address, quantities, cost)
 - Signed terms and conditions by customer
 - W9 for entity receiving rebate

2024 customer rebate caps

Standard rebate

- Per project: up to \$50,000
- All incentives are first come first serve

Level 1

Per project:

- \$50,001 - \$100,000
- Minimum 150,000 kWh
- Pay lowest of:
 - Calculated rebate
 - 75% of project
 - CCE at \$0.03 kWh
 - 1 year simple payback

Level 2

Per project:

- Greater than \$100,000
- Minimum 400,000 kWh
- Pay lowest of:
 - Calculated rebate
 - 50% of project
 - CCE at \$0.02 kWh
 - 1 year simple payback

How to get started – retrofit rebates

Customers

- Review rebate requirements
- Establish project scope and estimated costs
 - Scope products and costs for self installed project
 - OR work with service providers to collect bids
 - *Retrofit rebate projects can be completed by the customer, listed, or non-listed service providers
- For projects with rebates estimated at greater than \$10,000 get rebate preapproval (also available for rebate projects less than \$10,000 but not required)

Service providers

- Review rebate requirements
- If interested, review the requirements to become a listed Efficiency Works Business retrofit rebate service provider – NOT required
- Work with customers to establish scopes and bids for eligible projects
- For projects with rebates estimated at greater than \$10,000 get rebate preapproval (also available for rebate projects less than \$10,000 but not required)

2024 rebate applications



Retrofit rebate application

The screenshot displays the Efficiency Works website interface. At the top left is the logo and the text "Efficiency Works™" with a list of locations: "Estes Park | Fort Collins | Longmont | Loveland". On the top right, there is a search bar and a "Select Language" dropdown menu. A horizontal navigation bar contains the following items: "Business", "Homes", "Retail Products", "Service Providers", "Resources", and "About Us". A dropdown menu is open under "Business", listing several options: "Business Overview", "Rebates", "Advising and Assessments", "Efficiency Resources", "Multifamily", "New Construction", "Building Tune-Up", "Integrated Design Assistance Program", and "Find a Service Provider". The "Rebates" option is circled in yellow. Below the navigation bar, a large banner features the Efficiency Works logo and the text "Works™". At the bottom of the banner, there are five utility provider logos: "Estes Park Light and Power", "Fort Collins Utilities", "Longmont Power & Communications", "Loveland Water and Power", and "Platte River Power Authority". The background of the website is a photograph of a building's exterior with utility equipment.


Scroll to access each rebate category

Apply for rebates

To estimate your rebates, click "see incentives" below your rebate category. For projects with incentive greater than \$10,000 and those that include the Community Efficiency Grant, preapproval is required. **Ready to apply for rebates?** Click the applicable rebate below to get started.

Need to check on the status of your submitted online application, [click here](#).

Details and requirements




Lighting and VFDs

Can't miss rebate savings are available for many types of lighting retrofits for LED fixtures, lighting controls and VFDs.

[Download application](#)

[+ See incentives](#)




EV charging infrastructure

To help build out public Level 2 charging infrastructure at local businesses and multifamily properties, incentives are available to help offset installation costs.

[Begin application](#)

[+ See incentives](#)




Food service

To support commercial kitchens, rebates are available for new efficient electric appliances including fryers, griddles and demand control kitchen ventilation systems.

[Begin application](#)

[+ See incentives](#)




Grocery

From easy upgrades like strip curtains and new gaskets to more complex grocery controls, rebates are available to help optimize grocery equipment.

[Begin application](#)

[+ See incentives](#)




Office and appliance

Rebates are available for ENERGY STAR appliances like washing machines and dishwashers to support efficient purchasing decisions.

[Begin application](#)

[+ See incentives](#)



Envelope

Upgrading insulation and windows can help cut cooling costs. Rebates help offset the upfront costs of these upgrades.


[Begin application](#)

[+ See incentives](#)

Application introduction

Business prescriptive rebates Application 00002499201

Introduction



Estes Park | Fort Collins | Longmont | Loveland

Business prescriptive rebates application

Use this application to apply for traditional rebate offerings for electric and water efficiency upgrades that require preapproval. Preapproval is required for projects with a total incentive amount greater than \$10,000, requesting a Community Efficiency Grant, or including VFD retrofits.


This application includes rebates for the following categories: Food Service, Grocery, Office and Appliance, Envelope, Cooling and Water. New construction or major renovation projects are not eligible to use this application, please see our [New Construction page](#).

Documents required for preapproval:

- Project bid/estimate (including site address, total project cost, equipment name and quantities)
- Equipment specifications (if not provided on the project estimate)
- If applying for the Community Efficiency Grant, a completed application is required as a Supporting Document. The most recent version of the grant application can be found at the bottom of our rebates page.
- Additional requirements for incentive categories can be found on our [rebates page](#).

Total incentives may be limited by project cost or annual customer cap. Incentives above \$50,000 are subject to additional program requirements and limitations.

Contact the Efficiency Works Business team at business@efficiencyworks.org with any questions.

 To proceed with the rebate application click the orange next button below.

REBATE SUMMARY

Total Estimated Rebate: \$70,000

- Introduction
- Project Status
- Project Information
- Proposed Upgrades (2)
- Customer
- Service Provider
- Project Files
- Review and Submit

[Back to Applications](#)

Project status

Project Status

For the question below:

- If your efficiency project is completed and you are submitting for rebate payment, please select **YES**.
- If your efficiency project is just starting or has over \$10,000 of incentives and you are requesting a pre-approval of rebates, please select **NO**.

Submit for Final Review and Payment? * ▼

Select the measures you are interested in applying for

- | | |
|---|--|
| <input type="checkbox"/> Cooling | <input type="checkbox"/> Electric vehicle charging |
| <input type="checkbox"/> Envelope | <input checked="" type="checkbox"/> Food service |
| <input checked="" type="checkbox"/> Grocery | <input type="checkbox"/> Office and appliance |
| <input type="checkbox"/> Variable frequency drive (VFD) | |

Project information

Project Information

Electric Utility *



Water Utility



Required for water projects

Gas Utility



Building Type *



Annual Hours of Operation *

Completion Date *



Estimate this date when applying for preapproval

\$ Total Project Cost *

Notes

additional info for reviewer (grants, past projects)

Payee Selection

Payee Entity *



You'll be asked for additional contact information in a later step







Payee Notes

Proposed upgrades

Proposed Upgrades

If the desired measure is not displayed in this list, return to the project status section and select the appropriate checkbox. If no boxes are checked all eligible measure should appear on this list.

Search by: Name Find product by name and add to rebate

-  Electric Steamer - Water rebate
-  Electrically commutated (EC) evaporator fan motor - Reach-In Cooler/Freezer
-  Electrically commutated (EC) evaporator fan motor - Walk-In Cooler/Freezer
-  Evaporator fan controls - Walk- In Cooler/Freezer
-  Hot Food Holding Cabinet (>= 7 ft3)
-  Ice Machine - Electric rebate

[+ Add To Project](#)

Electric Steamer - Water rebate

[+ Duplicate](#) [- Delete](#)

Requirements

ENERGY STAR

Quantity *

5

Notes

Allison Hall

e.g. equipment location

Potential rebate

\$3,750

Potential bonus amount

\$0

Total rebate

\$3,750

Customer information

Business prescriptive rebates Application 00003466704

Customer

Company Name *	Allison Hall Dining Hall	Legal Company Name	Colorado State University
		(if different)	
Contact First Name *	Kali	Contact Last Name *	Osborn
Phone Number *	(123) 456 - 7898	Email Address *	hds@hds.org

Project Site

Street Address *	123 Plum St	City *	Fort Collins
	(include unit number, if applicable)		
State *	CO	ZIP Code *	80524

Mailing Address

Is customer mailing address the same as the site address?

Yes

Utility Account

Customer Number

do not know

e.g. 123456-12345

REBATE SUMMARY

Potential rebate:	\$6,750
Total bonus:	\$0
Total estimated rebate:	\$6,750

- Introduction
- Project Status
- Project Information
- Proposed Upgrades (2)
- Customer**
- Service Provider
- Project Files
- Terms & Conditions

Calculate Sync/Save

Back to Applications

Upload files

Project Files

The below fields supports multiple file uploads. Large files (50 MB+) may take a few minutes to upload depending on your internet speed.

Proposals *



Supporting Documentation



Terms & Conditions



[Terms and Conditions form for the customer](#)

If needed, download the Terms and Conditions form above in order to collect the Customer's signature. This is required prior to final submission for review.

Customer Terms and Conditions *



Project Files

The below fields supports multiple file uploads. Large files (50 MB+) may take a few minutes to upload depending on your internet speed.

Final invoice *



Payee W-9 *



Supporting Documentation



Downloadable summary



Prescriptive rebate summary

Prepared for:

Allison Hall Dining Hall
123 Plum St
Fort Collins, CO 80524
hds@hds.org, 1234567898

Prepared on: 11/27/2023

Financial benefit

Efficiency Works provides incentives to reduce your upfront cost and provide faster paybacks.

Cost before incentive

\$22,222



Cost after incentive*

\$15,472

Payback (electricity savings)*: **2.9 years**

Summary

Receive a total rebate of*:

\$6,750

Reduce your annual electric costs by*:

\$5,305

Reduce your annual electricity use by*:

26,465 kWh

Proposed Measure	Quantity	Estimated Measure Savings				Potential Rebate*	Potential Bonus*	Potential Total Rebate*
		Demand (kW)	Electricity (kWh /year)	Water (gal /year)	Cost (\$ /year)			
Electric Steamer - Water rebate	5	0.00	0	810,000.0	\$3,240	\$3,750	\$0	\$3,750
Hot Food Holding Cabinet (>= 7 ft3)	5	6.60	26,465	0.0	\$2,065	\$3,000	\$0	\$3,000
		6.60	26,465	810,000.0	\$5,305	\$6,750	\$0	\$6,750



Building Tune-up

HVAC performance optimization

Building Tune-up

A path for every building type

1

Performance Plus

Qualifications

- Commercial electric business customers of Estes Park, Fort Collins, Longmont or Loveland
- Building has at least one rooftop unit and/or piece of unitary cooling equipment

Benefits

- High quality maintenance at an affordable price
- Improved reliability and performance of cooling equipment
- Reduced energy use and cost
- Seamless process with service providers you know and trust

Unit Size	Incentive Per Ton
<7.5 tons	\$50
7.5 - 10 tons	\$40
> 10 tons	\$35

Typical savings

- 11,000 kWh saved annually

2

Retrocommissioning light

Qualifications

- Commercial electric business customers of Estes Park, Fort Collins, Longmont or Loveland
- Estimated facility energy savings >75,000 annual kWh
- Must have existing building automation system
- Post measure verification required

Benefits

- Fund 100% of the study up to \$15,000
- Implementation incentive up to \$2,500 per approved project to cover the customer's upfront investment costs if completed within 6 months of project pre-approval.
- Quicker implementation for faster energy savings; typical project life cycle is 6 months

Typical savings

- 75,000 kWh saved annually

3

Retrocommissioning full

Qualifications

- Commercial electric business customers of Estes Park, Fort Collins, Longmont or Loveland
- Estimated facility energy savings >200,000 annual kWh
- Must have existing building automation system
- Post measure verification required

Benefits

- Fund 100% of the study up to \$40,000
- Implementation incentive up to \$10,000 per approved project to cover the customer's upfront investment costs if completed within 12 months of project pre-approval.
- Deep look at energy savings opportunities and high savings potential

Typical savings

- 300,000 kWh saved annually



Performance Plus

Enhanced HVAC maintenance

Greg Smith

Performance Plus program path

Benefits

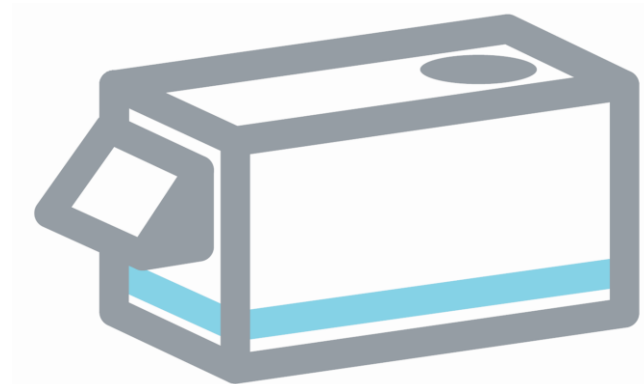
- High-quality maintenance at an affordable price
- Improved reliability and performance of cooling equipment
- Reduced energy use and cost
- Seamless process with service providers you know and trust

Customer qualifications

- Commercial electric customers in service territory
- Stand-alone RTU and/or piece of unitary cooling equipment

Typical savings

- 11,000 kWh saved annually
- \$1,900 in rebates



Common Performance Plus ECMs

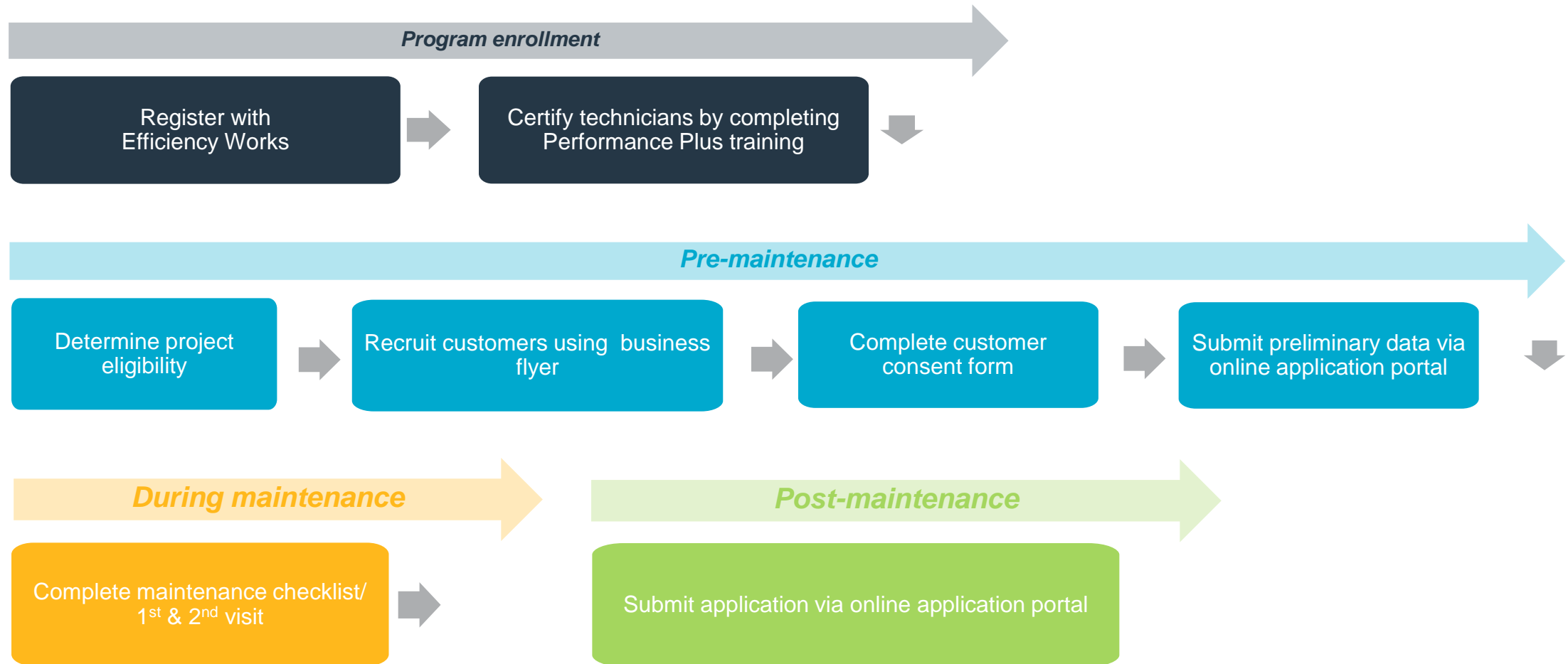
Refer to the Performance Plus RTU checklist for a complete list of mandatory maintenance measures

Performance Plus Measures In general, maintenance and upkeep of pre-existing equipment
Filter inspection and replacement
Air intake screen cleaning
Thorough coil cleaning
Refrigerant charge check
Optimized temperature settings in building
Supply & return fan belt and pulley alignment
Condenser fin dent removal
Optimize non-BAS controlled economizer settings
Upgrade non-BAS controlled economizer sensors
Support maintenance of scheduled HVAC systems

Incentive structure

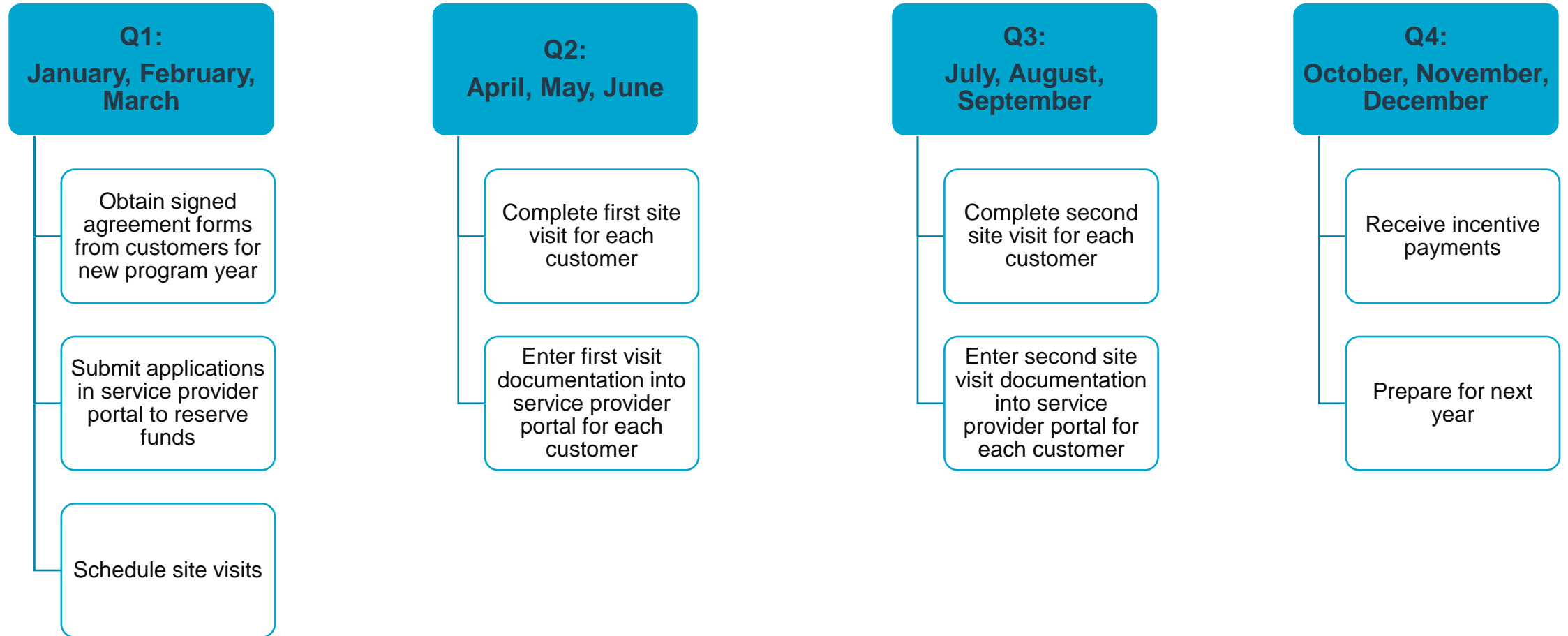
Annual incentive	Unit size	Incentive per ton
Per business	<7.5 tons	\$50
Per unit	7.5-10 tons	\$40
	> 10 tons	\$35

Performance Plus workflow



Franklin Energy will verify rebate applications submitted through the iEnergy platform. A rebate check will be mailed to your company within 6 weeks.

Performance Plus project application submittal annual timeline



How to get started – Performance Plus

Customers

- Check with your HVAC maintenance contractor to see if they are a listed Performance Plus contractor
 - If they are, let them know that you'd like to participate
 - If they aren't, let them know that the program is available and that you'd like to participate
- Efficiency Works can help service providers understand what the requirements are to participate or help customers connect with listed service providers

Service providers

- Review the program maintenance and participation requirements
- Reach out to Greg with any questions
- Complete an Efficiency Works service provider application
- Complete the Performance Plus onboarding training with technicians
- Start offering the enhanced maintenance to eligible customers



Retrocommissioning

Building automation optimization

Ben Baden

Building Tune-up: retrocommissioning

Light retrocommissioning

- 3 - 9 month process
- Building Automation System
- Est. facility annual energy savings > 75,000 kWh
- Study incentive up to \$15,000: *Paid in phases - 60% and 40%*
- Implementation commitment up to \$2,500 *can be covered by EW timely implementation bonus if completed within 6 months from pre-approval*
- Typical savings = 75,000 kWh

Full retrocommissioning

- 9 - 15 month process
- Building Automation System
- Est. facility annual energy savings > 200,000 kWh
- Study incentive up to \$40,000: *Paid in phases – 35%, 50%, and 15%*
- Implementation commitment up to \$10,000 *can be covered by EW timely implementation bonus if completed within 12 months from pre-approval*
- Typical savings = 300,000 kWh

Eligible retrocommissioning measures (ECMs)

The focus of the RCx program is low to no-cost RCx measures that save electric energy. The table below lists eligible RCMs:

Common eligible RCx measures	Other eligible RCx measure examples
Schedule HVAC system	Add/optimize condenser water supply temp reset
Mitigate simultaneous heating and cooling	Add/optimize chilled water supply temp
Adjust outside air flow to current needs	Relocate/shield temp sensor
Optimize/re-enable economizer controls	Add/optimize chiller staging
Static pressure reset	Optimize VAV boxes
Optimize supply air temperature resets	Repair/recalibrate/replace sensors
Schedule lighting systems	Repair/upgrade VFDs to HVAC fans, pumps, or chillers (not eligible to add under RCx)

Ineligible measures

The focus of the RCx program is low to no-cost RCx measures that save electric energy. The table below lists ineligible measures:

Category	Ineligible measure
Gas measures	Optimize heating water supply temp reset
	Boiler lockout
	Optimize hot water differential pressure reset
Retrofit rebate measures	Lighting upgrades
	Building envelope upgrades
	Efficiency Works Business cooling rebates
Fuel switching	Measures that switch the fuel source to or from electricity
Renewable energy installments	Measures that produce electricity
Energy storage installments	
Major equipment replacement or upgrades	
Measures that negatively affect occupant comfort	
Measures necessary for basic facility operation	
Terminating or relocating existing processes/operations	
Measures that compromise safety and/or code requirements	

Building Tune-up

Retrocommissioning (RCx) implementation incentives

Limited funds available.

Category	Implementation incentive	Timeline for eligibility
RCx light path	\$2,500 per approved project	6 months
RCx full path	\$10,000 per approved project	12 months

RCx implementation upgrades must be completed and submitted for payment within 6 months of incentive upgrade approval for RCx light path participants.

RCx implementation upgrades must be completed and submitted for payment within 12 months of incentive upgrade approval for RCx full path participants.

Building Tune-up

Roles and responsibilities

Customer

- Select RCx service provider and sign terms and conditions in a timely manner
- Commit to \$2,500 or \$10,000 implementation for RCx light or full, respectively
- Provide building access and documentation
- Provide project contact and information collection support
- Select measures with which to proceed
- Assist with implementation activities and manage completion of selected measures

Service provider

- Create RCx proposal and work with customer to get the contract approved
- Complete and submit BTU application for all phases
- Actively communicate and coordinate with the customer to implement all phases of the program
- Create reports and verifiable energy savings calculations
- Perform final measurement and verification
- Provide timely updates and communication with EW program staff and customer

Efficiency Works


- Review submitted applications for accuracy and completeness
- Provide guidance on program rules and requirements
- Stay up to date on project progress and track towards deadlines
- Reserve and disburse incentive funds
- Serve as a conduit to other Efficiency Works programs where applicable

Prescreening tool

Key notes

- Must be submitted for RCx preapproval
- Preliminary qualifications must equal 'Pass'
- Recommendation must align with project path/study incentive outlined in proposal
- Prescreening tools are an initial check for eligibility, final approval is contingent upon review and program discretion

Version 2.0, Effective as of 7/18/2023



Estes Park | Fort Collins | Longmont | Loveland

Retrocommissioning pre-screening tool

#	Preliminary questions	Answer
1	Has the facility's HVAC equipment operation been affected during the last 12 months?	No
2	Is facilities heating all electric, all natural gas, or combination?	Combination
3	Does the facility use electricity for cooling?	Yes
3	Does the facility have equipment that isn't controlled by a Building Automation System (BAS)? Does the facility have packaged equipment that is not controlled by a BAS?	No No
4	Are there any major retrofits or tenant improvements planned in the next year? <i>Note: Minor projects without a significant effect on BAS setpoints or HVAC equipment are not applicable</i>	No
5	What is the square footage of the facility?	15,000
6	Does the team have access and system permissions to change BAS for setpoints?	Yes
7	What is the average annual electrical energy consumption of your facility (kWh)?	1,427,594
8	Would you like to learn more about our Performance Plus routine maintenance program? Information Sheet	Yes
Preliminary Qualification:		Continue to system questions
#	System questions	Answer
1	Which best describes the cooling system?	Water cooled chiller

How to get started - Retrocommissioning

Customers

- Review the program eligibility criteria and the list of current retrocommissioning (RCx) service providers
 - If you have a relationship with someone who provides retrocommissioning services but they aren't on the list, have them reach out to Ben to learn more
- Initiate a conversation with a listed RCx service provider about getting a proposal for your building
- Efficiency Works can help service providers understand what the requirements are to participate or help customers connect with listed service providers

Service providers

- Review the program reporting and participation requirements
- Reach out to Ben with any questions
- Complete an Efficiency Works service provider application
- Complete the Retrocommissioning (RCx) onboarding training
- Start offering the RCx program to eligible customers



EWB support services

Midstream cooling and mechanical equipment

Efficiency Works coordinates directly with regional AC distributors to get high efficiency units installed.



Just ask for high efficiency

New construction and major renovation

Available incentives:

The Efficiency Works Business program offers rebates for new construction and major renovation through the prescriptive categories listed below:

- Cooling
- Food Service
- Grocery
- Office & Appliance
- Motor VFDs
- Custom

*LED lighting, envelope, toilet and urinal measures are not available for new construction or major renovation projects.

Major renovation definition:

A major renovation project includes three of the five criteria below:

- The business is undertaking the project primarily due to a change in the use of the space, which requires changes to the lighting or HVAC systems. Example: warehouse space is being converted to office space.
- The space being renovated will be unoccupied for 30 days or more.
- Existing light fixtures are being removed and a new light scheme with rewiring is the result.
- The project requires a construction permit.
- First-time install of electric operated equipment in which higher efficient models are available.

2024 efficiency rebates

Efficiency Works offers rebates for virtually anything that saves electricity and water

Rebates help get the job done

Energy advising and assessments

Efficiency Works staff are excited to share efficiency knowledge, help identify efficiency opportunities, and assist with rebate applications

Free energy efficiency help

- Small and medium business
- Large commercial and industrial
- Energy management



Other Efficiency Works programs



Residential offerings



Rebates make projects more affordable

Service provider supported rebates

- Energy efficiency
- Building electrification

Instant rebates

Online marketplace

Post purchase rebates



Assessments guide home upgrades

Efficiency Works staff help identify opportunities to make your home more comfortable and affordable.

- Energy advising
- Assessments

Electric vehicles (EVs)

EV information webpage:

- Visit efficiencyworks.org/electric-vehicle-information

EV buyers guide website:

- Information to support decision making
- Compare EV and non-EV models
- Visit ev.efficiencyworks.org

EV Fleet Planner:

- Information to support decision making
- Explore available EV models
- Compare EV and non-EV fleet costs
- Visit evfleet.efficiencyworks.org

Public Level 2 EV charging infrastructure incentives:

- Up to \$5,000 per port
- Preapproval required

Shop exclusive deals on energy efficiency products at our [Efficiency Works Store](#)

Efficiency Works™
Estes Park | Fort Collins | Longmont | Loveland

Search

[Join our mailing list](#)


[Business](#) | [Homes](#) | [Service Providers](#) | [Resources](#) | [About us](#)

Electric vehicle information

With increasing interest around electric vehicles, Efficiency Works aims to provide information for residents and businesses to make informed decisions about electric vehicles purchases.

See below for more information on general EVs, commercial EV solutions and incentives and other programs by the local, state and federal government.

Efficiency Works created a guide to help individuals identify EVs based on criteria such as budget, mileage and charging options. Visit ev.efficiencyworks.org to visit the EV resource page.



Electric vehicle information

- Incentives
- Vehicles
- [Learn more about electric vehicles](#)

Commercial EV solutions

- [Public charging infrastructure incentives](#)
- [Charge Ahead Colorado](#)
- [Colorado Energy Office Fleet Zero](#)

Other resources

- [State of Colorado Zero Emission Vehicle Tax Credits](#)
- [Federal EV driver information](#)

Offerings and programs outside Efficiency Works



Other resources to support projects

Additional financial resources

Boulder County Partner's for a Clean Environment (PACE)

Colorado Energy Office programming

- Charge Ahead Colorado EV charging funding
- Clean Air Program (CAP) Grants

Colorado Commercial Property Assessed Clean Energy Program (C-PACE)

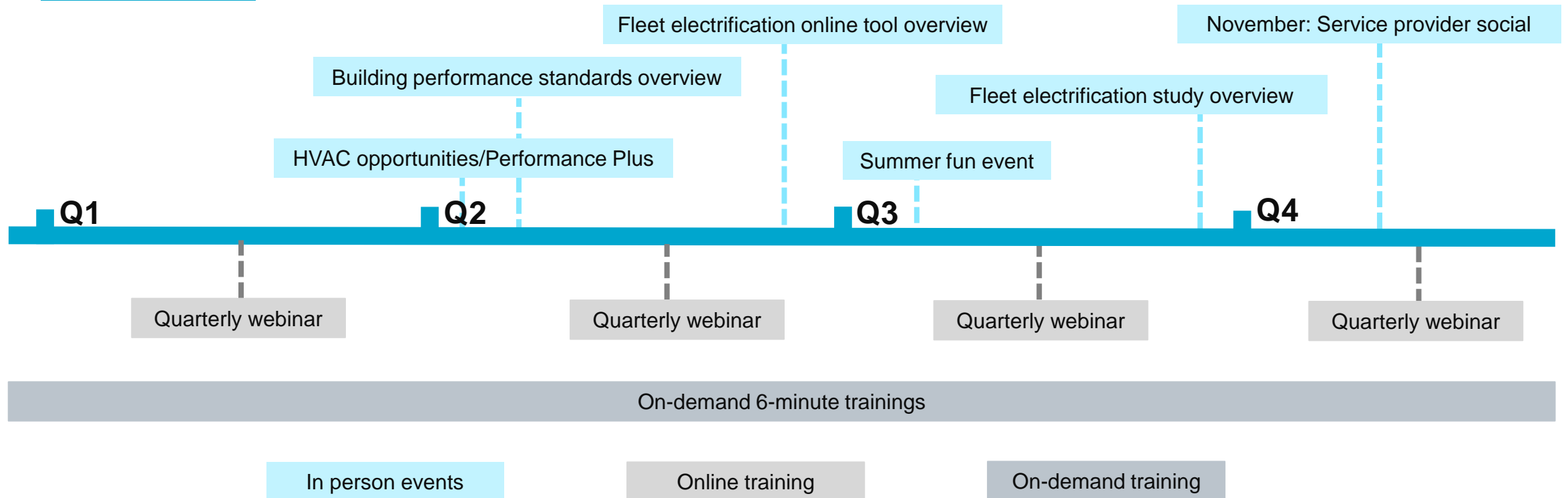
- Commercial, industrial, multifamily, and agricultural property owners to finance up to 100% of the cost of eligible energy efficiency, renewable energy and water conservation improvements
- Private capital providers offer financing at competitive rates with repayment terms up to 25 years

Internal Revenue Code (IRC) Section 179D

- Energy efficient commercial building property (EECBP) or energy efficient commercial retrofit property (EERBP) may be able to claim a tax deduction
- Eligible property must be installed as part of interior lighting, HVAC and hot water systems, or building envelope
- Deduction starts at \$0.54 per ft² provided an energy savings of 25% has been achieved, additional deductions based on each additional percentage point above 25% and bonuses for meeting prevailing wage and apprentice standards

2024 events

A variety of ways to participate



Thank you!

Business@EfficiencyWorks.org

970-229-4823



Estes Park | Fort Collins | Longmont | Loveland