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What is the purpose of this document?

This document is an outcome of Larimer County's <u>Climate Smart Future Ready plan</u>. The plan was crafted through collaboration with community partners to confront the escalating risks associated with deteriorating air quality, intensifying weather patterns, and the increasing frequency of natural disasters resulting from our evolving climate.

Recognizing the burden of rising utility costs and the significant amount of carbon emissions coming from buildings, this guide is a free compilation of resources intended to assist commercial building owners interested in making their buildings more resource efficient.

This document is not exhaustive, but instead serves as a starting point for building owners to learn how to get started, understand common efficiency, electrification, and renewable projects, get exposed to different incentives available, and familiarize themselves with current efficiency and reporting regulations.



Greenhouse Gas (GHG)

Gases in the atmosphere—like carbon dioxide (CO2), methane, and nitrous oxide—that reflect infrared radiation back towards Earth's surface, creating the "greenhouse effect".

Building Performance Standard (BPS)

Policies that set minimum energy efficiency or emissions performance requirements for buildings, typically to reduce energy use or greenhouse gas emissions. In general, a BPS contains a performance target and a timeframe by which all buildings must meet that target.

Energy Use Intensity (EUI)

A metric that measures a building's energy consumption relative to its size, typically expressed as energy used per square foot per year (kBtu/ft²/yr).

Light-Emitting Diode (LED)

A highly efficient lighting technology that produces light through the movement of electrons in a semiconductor material, consuming less energy and lasting longer than traditional bulbs.

Building Automation System (BAS)

A centralized system that is designed to monitor and control various building functions, such as HVAC, lighting, security, and access control. It consists of a combination of hardware and software components that work together to collect data, analyze it, and make informed decisions based on predefined parameters and user inputs.

Variable Refrigerant Flow (VRF)

An HVAC technology that allows for the simultaneous heating and cooling of different zones in a building by modulating the flow of refrigerant to multiple indoor units.

Dedicated Outside Air System (DOAS)

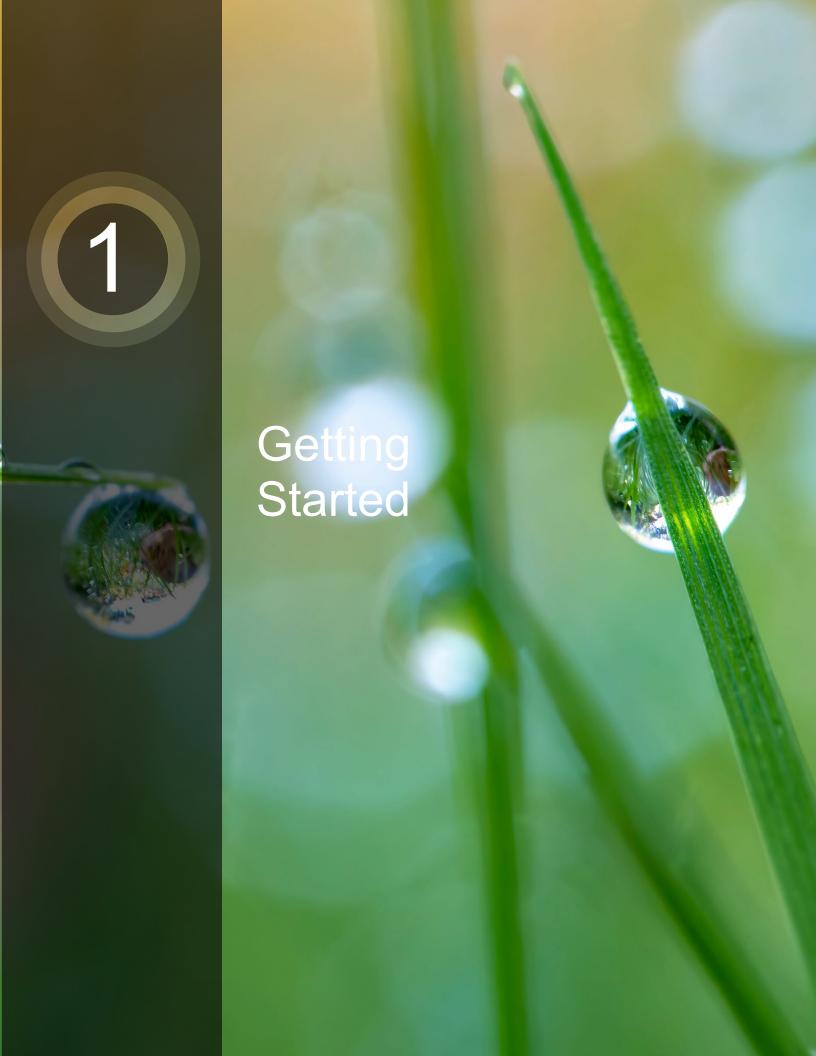
An HVAC system that separately manages ventilation by conditioning and supplying fresh outdoor air to a building, independent of the heating and cooling system.

Energy Management System (EMS)

A system that monitors, controls, and optimizes energy use in a building or facility to improve energy efficiency and reduce costs. Companies use energy management systems to optimize the generation, storage and/or consumption of electricity to lower both costs and emissions and stabilize the power grid.

Solar Photovoltaic (PV)

A technology that converts sunlight directly into electricity using semiconductor materials, commonly used in solar panels.







Getting Started

STEP
1 Reach out to your local utility

• Every utility that serves Larimer County will have information about benchmarking programs, improving efficiency in your building, as well as information about funding and incentives.

STEP Benchmark your building

- Benchmarking is a critical step in order to understand the current state of your building, enabling measurable improvements. More details about benchmarking can be found on page 7.
- Benchmarking may also be required by state or local law depending on your square footage. Benchmarking requirements can be found on page 7.

STEP Implement measures
3 to improve energy
efficiency and electrification

- Efficiency improvements have benefits for your bottom line as well as the planet.
- Your building may be subject to mandated energy use intensity (EUI) reduction targets depending on your building type and square footage. Energy reduction requirements can be found on page 29.







Benchmarking Assessments

What is Benchmarking?

Benchmarking is a tool to measure and compare your building's energy performance to similar buildings, past consumption, or a reference performance level. Benchmarking informs organizations about how they use energy, where they use it, and what drives their energy use. In this way, benchmarking is a critical diagnostic tool for improving energy performance, which can help reduce operating costs.

Benefits of Benchmarking



- Initiates continuous improvement in corporate energy performance
- Facilitates ranking of facilities to prioritize capital investments
- Ensures facilities or buildings are quantitatively compared on a level playing field
- Produces cooperation among key players to drive change



ASSESSING PERFORMANCE

- Improves understanding of energy consumption patterns and key drivers
- Quantifies performance of buildings and plants relative to each other
- Evaluates the organization's position relative to the rest of the market



EVALUATING RESULTS

- Provides tools to diagnose problems
- Pinpoints need for improvement (by internal and/or external comparisons)
- Identifies what drives superior performance and thus a target to shoot for
- Creates basis for internal and external recognition
- Improves the organization's bottom line by ensuring best returns on investments

Benchmarking Requirements for Larimer County

State-Wide Requirements:

The Colorado Building Performance Program requires specified building owners to submit their calendar year energy consumption data by June 1st through the ENERGY STAR Portfolio Manager

Fort-Collins Only:

Owners of covered buildings are required to submit their calendar year energy and water use through the ENERGY STAR Portfolio Manager.





ENERGY STAR Portfolio Manager

The U.S. Environmental Protection Agency's (EPA) ENERGY STAR® program provides guidance and benchmarking tools to help organizations successfully save energy.

The ENERGY STAR® Portfolio Manager is a free online software tool for tracking energy and water use and rating the energy performance of selected building types. The tool enables users to:



Track multiple energy and water meters



Benchmark facilities relative to past performance



View percent improvement in weather-normalized source energy



Monitor energy and water costs



Verify building energy performance



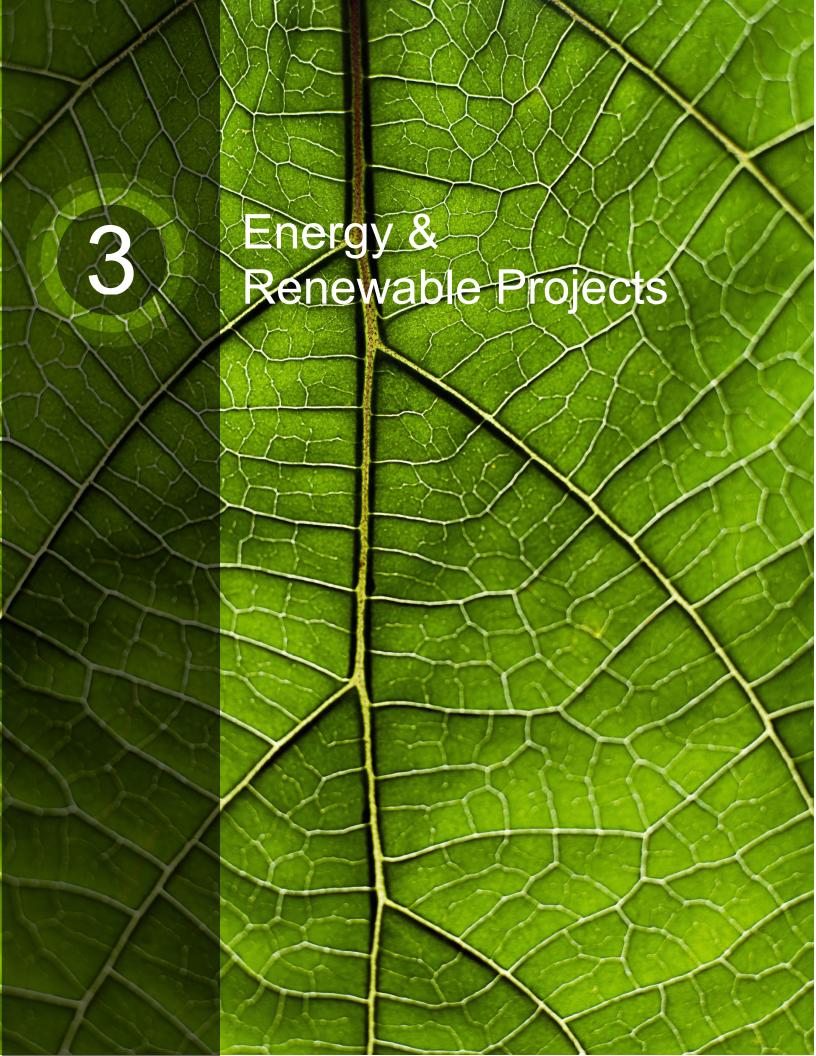
Determine energy performance ratings

Additional ENERGY STAR Resources:

ENERGY STAR Guidelines for Energy Management Benchmarking Section Portfolio Manager Energy Performance Indicators

Sources:

- 1. Benchmarking to Save Energy
- 2. CO BPS Technical Guide







Efficiency & Renewable Projects

Note: Impact of any of these measures will be dependent on building design, operation, and use. The relative impacts shown in the dials is a guide, but actual results may vary.

DO IT YOURSELF MEASURES

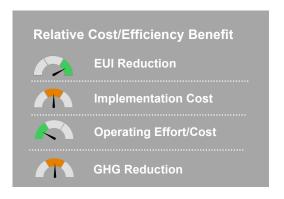


LED Retrofit

Lighting systems are amongst the top energy users in most facilities. LED¹ lighting technologies require about half of the power as conventional lighting systems to provide the same light output. Retrofitting or replacing lighting fixtures with LED provides multiple benefits including reduced energy consumption, modernized lighting technologies, improved light quality, and reduced maintenance costs.

Potential strategies

- Self-implementation
- Contracted/out-sourced





Plug Load Energy Management

Information Technology systems are growing with the introduction of new technologies and are becoming a foundation in the workplace and other commercial spaces. These systems are becoming larger and more difficult to manage effectively. The potential for energy savings has grown as well with plug load devices consuming as much as 15 to 20% of the total electric baseline.

Examples of plug loads that can be managed include:

- Workstation equipment such as computers, laptops, printers, scanners, and other peripherals
- IT equipment such as wireless access points, servers, routers, phones, and copiers
- Display equipment such as projectors, televisions, and monitors
- Vending equipment such as snack and soda machines

Energy Conservation Strategies:

- · Server-side scheduling systems, such as Cisco EnergyWise
- Local schedule-based plug load controllers, such as Bert plugs
- Local occupancy-based plug load controllers, such as Vending Misers
- Load-based plug load controllers, such as Smart power strips by Schneider Electric



¹ LED = Light-Emitting Diode







Behavioral/Operational Strategies

Educating staff and occupants on turning off appliances and other equipment that can not be managed with plug load controls.





Building Automation System (BAS) Improvements

- If the building doesn't have programmable thermostats, add those.
- If it does, ensure controls schedules and set points are operating as expected, and reflect the unique needs of the building and its occupants.
- Can also evaluate a BAS upgrade if current system is not performing as expected.



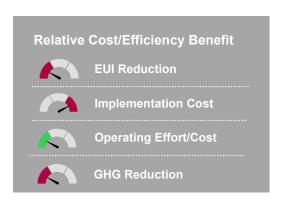
EXTERNAL EXPERTISE REQUIRED



Mechanical Replacements

If there is any heavy mechanical equipment such as boilers, chillers, RTU's, etc. that are nearing or past the end of their useful life, replacement will result in significant energy savings. Modern mechanical equipment is designed to run at 90% efficiency (or more), while older units are usually running at only 60-70% efficiency.

It is important to note this require a permit being pulled to ensure code compliance





Mechanical Improvements – only appropriate for larger facilities

There have been several innovations in recent years to maximize energy efficient operation of mechanical systems. It is important to note that these improvements are often only effective with bigger systems, and it would require a design professional to determine if your building is a good candidate for these improvements.

Relative	Cost/Efficiency Benefit
	EUI Reduction
	Implementation Cost
	Operating Effort/Cost
	GHG Reduction





- Variable Refrigerant Flow (VRF): VRF has the ability to simultaneously heat and cool by shifting
 building loads between units, as applicable. VRF systems are also easily maintained and offer
 redundancy in that system components can be replaced without impacting or requiring replacement
 of large section of the system.
- Dedicated Outside Air System (DOAS): DOAS systems are utilized in spaces where existing
 ventilation air levels may be inadequate or where ventilation air requirements vary significantly with
 occupancy. The systems pre-treat outside air prior to introducing it into the space. Pre-treating the
 outside air minimizes overall energy use by relieving the comfort air systems from conditioning the
 entire mixed air stream and by limiting the humid air introduced into the space, which requires even
 more energy to treat.
- **DOAS Energy Recovery:** Energy Recovery can be employed in a number of ways. Hot exhaust gas from boiler flues can be used to pre-heat boiler feed water, increasing boiler efficiency. Exhaust air can be used to temper (pre-heat or pre-cool) incoming ventilation air in air distribution systems. These are just two examples of different energy recovery options.
- Variable Speed Technology: The power consumed by an alternating current (AC) induction motor
 driving a centrifugal load varies with the cube of its speed (revolutions per minute or RPM).
 Therefore, a substantial amount of energy and cost savings can be achieved by controlling a
 motor's speed to match its load. For example, a motor running at 80% speed consumes almost 50%
 less energy.



New Energy Management System (EMS)

Updating a control system can greatly increase the efficiency of a building. An EMS allows building operators to control equipment from a central location. Individuals will have the ability to identify and diagnose equipment issues without ever having to leave the office. A centralized, energy management system installation will include a combination of the following:

- Installing new direct digital controls (DDC), where applicable,
- Incorporating existing DDC points, and
- Extending DDC to existing pneumatic controls

Relative Cost/Efficiency Benefit

EUI Reduction

Implementation Cost

Operating Effort/Cost

GHG Reduction

The EMS will allow building administrators to better control their energy use and consumption through the following control and reporting features including:

- Set point control and monitoring
- Scheduling of equipment
- Identification and verification of issues with equipment
- Implementation of advanced control sequences, and
- Trending and reporting features

This is only applicable for buildings larger than 40,000 sq.ft. in need of replacing current system or complex HVAC² systems

² HVAC = Heating, Ventilation, and Air Conditioning





Air Sealing Improvements – Building Envelope

Air infiltration (leakage) is the uncontrolled and unintentional flow of unconditioned outside air through gaps, cracks, and small openings in the building envelope. This air leakage places an extra burden on the building's heating and cooling systems, resulting in increased utility costs. Infiltration is typically an unnoticed source of energy loss that compounds over time as building envelope components fail due to misuse, age, settling, or poor workmanship. By filling in cracks and tightening the building envelope, these loads can be significantly reduced, improving energy efficiency and occupant comfort.

Relative	Cost/Efficiency Benefit
	EUI Reduction
	Implementation Cost
	Operating Effort/Cost
	GHG Reduction

Common Areas for Energy Improvement:

- Exterior Door Weather-stripping
- Roof-Wall Intersections
- Window Caulking

- Envelope Penetrations
- Exhaust Fans
- Elevator Shafts

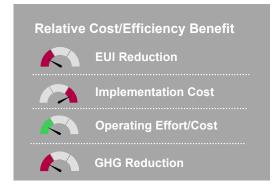


Building Insulation Improvements

The components of a building's envelope – walls, windows, roof, etc. – create the thermal barrier between the interior space and the exterior environment. Improving the thermal properties of these building envelope components reduces the energy required to maintain building space temperatures and the overall comfort level of its occupants.

Common Areas for Energy Improvement:

- Attic Insulation
- Roof Replacement
- Thermal Panels
- Wall Insulation
- Window Replacement





Water Conservation Measures

There are many water conservation measures that can be done to reduce water usage both inside and outside of buildings. These include:

- Domestic plumbing improvements
- Irrigation controls
- Xeriscaping

Relative Cost/Efficiency Benefit					
N/A	EUI Reduction				
	Implementation Cost				
	Operating Effort/Cost				
N/A	GHG Reduction				

RENEWABLES







On-Site Generation

On-site generation is the generation of energy by equipment located at your facility, independent from the grid. On-site generation serves multiple purposes including adding renewable energy to your energy mix, stabilizing your electricity source, reducing your peak demand, and providing power during emergencies.

Typical Technologies:

- Solar Photovoltaic (PV)
 - Roof-mounted
 - Parking canopy
 - Ground-mounted on vacant land
- Small-Scale Wind Turbines





Solar PV

Solar PV panels convert the spectrum of wave lengths of energy coming from the sun into electricity to offset the facility's grid power usage. In order to utilize solar energy for power production, several components will need to be installed in small packaged systems in order to meet local codes, utility interconnect requirements, and the special needs of each facility.

Impact:

- On-site production reduce reliability on the utility grid
- Save Energy Costs reduce electrical consumption and costs
- Infrastructure solar PV power can tie into the existing building electrical distribution system
- Clean Energy solar energy provides a renewable energy source to offset current electrical consumption.
- Public Image visible symbol of an organization's commitment to environmental stewardship



Wind

A wind turbine works by converting the kinetic energy of moving air into electrical power. Wind power generation remains one of the cheapest alternative energies to install on a small scale.

A litmus test for wind developers is to understand the site's wind map and annual average wind resource. The National Renewable Energy Laboratory (NREL) estimates wind energy resources across the United States and divides mapped areas into seven classes. Wind power is recommended in areas rated Class 3 or above. Further study will be necessary to determine the optimum capacity and feasibility of any wind turbine installation.

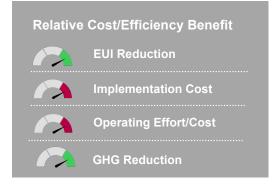
Relative Cost/Efficiency Benefit

EUI Reduction

Implementation Cost

Operating Effort/Cost

GHG Reduction







ELECTRIFICATION



Heat Pumps

Heat pumps are an energy-efficient alternative to furnaces and air conditioners for all climates. Heat pumps can heat and cool your building. They use electricity to transfer heat from a colder space to a warmer space rather than generating heat. Since heat pumps move heat instead of creating it, they achieve 200-300% efficiency. While natural gas is currently less expensive than electricity, more efficient heat pumps use 2-3 times less energy than gas heating systems. There are two main types of heat pumps for larger commercial buildings:

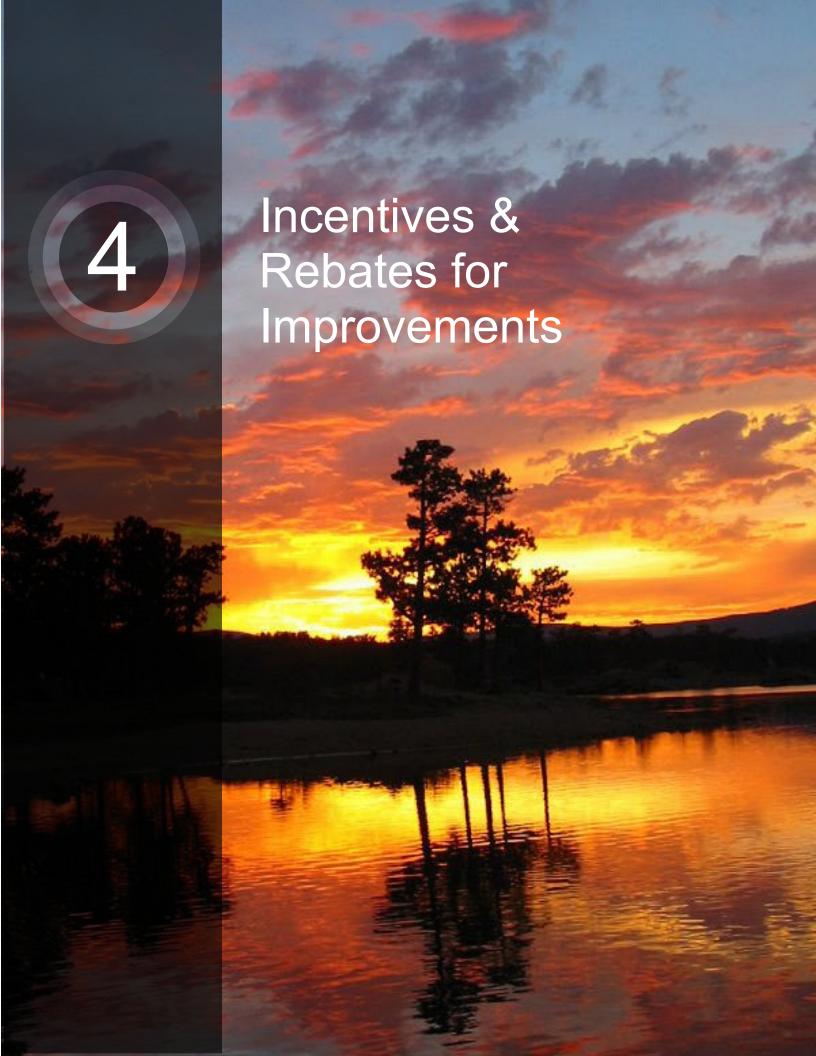


Heat Pump Rooftop Unit

• The units provide both heating and cooling to the building using heat pump technology. They extract heat from the outside air during the winter and release heat outside during the summer. Rooftop units usually either have a gas or electric resistance backup heat source.

Heat Pump Water Heater

• This device pulls heat from the surrounding air and uses it to heat water in a storage tank. They use the same technology as heat pumps that heat air and apply it to water heating instead







Incentives & Rebates for Improvements

LOCAL

Efficiency Works

Efficiency Works is a regional utility collaboration between the Platte River Power Authority and its owner communities, Estes Park, Longmont, Loveland, and Fort Collins. They provide a variety of rebates for energy efficiency equipment and improvements, including:

- LED Lighting
- EV Charging Infrastructure
- Commercial Appliances
- Building Envelopes
- HVAC Systems
- And more!

Eligibility

- Electric efficiency incentives are available to commercial electric customers of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power
- Water efficiency incentives are available to commercial water customers of Fort Collins Utilities, City of Longmont or Loveland Water and Power.

Visit here for more details: Efficiency Works Business Rebates

Poudre Valley Rural Electric Association

Poudre Valley REA is a local utility co-op that provides a variety of energy efficiency rebates and incentive programs for its business members, including:

- Rebates
 - Commercial & Industrial Motors
 - Electric Vehicle (EV) Charging Infrastructure
 - HVAC Systems
 - Smart Thermostats
 - o LED Lighting
 - VSD (Variable Speed Drive) & VFD (Variable Frequency Drive)
 - Custom projects
- Incentive Programs
 - DriEV Smart Charging Rewards Program
 - Save on your utility costs by charging EVs during off-peak energy demand hours
 - Power Peak Rewards Program
 - Earn rewards for allowing PVREA to adjust your smart thermostat during extreme temperature days throughout the summer
- Poudre Valley REA can also facilitate ASHRAE II audits on a case-by-case basis





Eligibility

- Must be a co-op member who purchased and installed qualifying equipment
- > See specific rebate or incentive program for additional eligibility requirements

Visit here for more details: PVREA Business Rebates

Xcel Energy - Financing

Xcel Energy is a regional utility that has partnered with the National Energy Improvement Fund (NEIF) to provide financing for energy efficiency, renewable energy, and resilience projects at the commercial level.

Eligibility

- Financing is available for any Xcel Energy business, non-profit, or municipal customer in Colorado
- > See specific financing options for additional eligibility requirements

Visit here for more details: Xcel Energy Efficiency Financing for Business

Xcel Energy - Rebates & Incentives

Xcel Energy is a regional utility that provides rebates and financial incentives for energy efficiency, renewable energy, and resilience projects at the commercial level, including:

- Rebates
 - o HVAC Systems
 - LED Lighting
 - o Food Service & Commercial Refrigeration Equipment
 - Motors, Drives, Fans, and Pump Equipment
 - EV Charging Infrastructure & Fleet Electrification
 - Solar & Battery Storage Rewards
 - And more!
- Incentive Programs
 - AC Rewards for Businesses
 - Earn rewards for allowing Xcel to make slight adjustments to your smart thermostat on extreme temperature days throughout the summer
 - Critical Peak Pricing
 - Earn rewards by reducing energy consumption during higher priced peak periods
 - Peak Partner Rewards
 - Earn rewards by agreeing to reduce electricity use at Xcel's request during specific summer periods
 - Peak Day Partners
 - A bid-offer structured program where Xcel contacts qualifying Peak Day Partners to determine interest in reducing electricity load and establishing a purchase price for your energy
 - Electric Vehicle Critical Peak Pricing
 - Earn rewards for charging EVs during off-peak hours
- Custom Projects and Audit-Based Incentives
 - Business energy assessments
 - New construction for energy efficient buildings
 - Energy Management Systems





- Custom Efficiency Projects
- o And more...

Eligibility

- > Must be an Xcel Energy business electric or gas customer (dependent on rebate/incentive) in Colorado
- > Purchase or install qualifying equipment
- > See specific rebate or incentive program for additional eligibility requirements

Visit here for more details: Xcel Energy Business Programs Summary

Fort Collins Xeriscape Program

A rebate for residential and commercial water customers of the City of Fort Collins who replace grass landscapes with an eligible low-water landscape (projects must be approved prior to installation).

Commercial customers can receive \$1.50 per square foot of area converted up to \$15,000 per project

Eligibility

- Must be a water customer of Fort Collins Utilities
- > Project area must be high-water use grass proposed for low- or no-water landscape

Visit here for more details: Fort Collins Xeriscape Program





STATE INCENTIVES & REBATES

Colorado C-PACE (Commercial Property Assessed Clean Energy)

Colorado C-PACE is a state-sponsored program overseen by the Colorado New Energy Improvement District and administered by Sustainable Real Estate Solutions (SRS). This program allows eligible commercial and industrial building owners to finance up to 100% of existing energy efficiency, renewable energy, and water conservation improvements and up to 35% financing for new construction projects.

Program details:

- There is a one-time program administration fee that is one of the options below. This fee is typically included in the total financed amount and is only due in the case of successful project financing.
 - Equal to 2.5% of the project finance amount (not to exceed \$75,000 for each unit of eligible real property assessed)
 - Equal to 2.5% of the total project finance amount (if the project involves multiple eligible units of real property)
- Financing can typically become available in 60-90 days
- Repayment terms up to 25 years at competitive rates

Eligible Property

- Projects must be located on eligible real property and be owned by an eligible property owner. A parcel of real property is eligible for C-PACE if it:
 - Is located in a county that has joined the statewide C-PACE New Energy Improvement District
 - Represents a retrofit to an existing building and:
 - (a) includes a building, other than a residential building, which could include an office or retail or lodging building, an industrial or agricultural building, or multifamily housing (five or more units), or
 - (b) contains an improvement or connected land that, for purposes of ad valorem taxation, is billed with a parcel meeting the requirements of paragraph
 - o If the parcel represents new construction, the new construction must:
 - (a) comprise the construction of a building, other than a residential building containing four or fewer units, and
 - (b) may also include upgrades to an improvement or connected land that, for purposes
 of ad valorem taxation, is billed with a parcel meeting the requirements of 2(a)
 - The property is (or is eligible to be placed) on the property tax rolls of a county in which it is located and has a property tax identification number.

Eligible Projects

- An improvement eligible for C-PACE financing means one or more installations or modifications to the property will reduce utility costs or improves a building's resiliency. Appliances and other measures that are not permanently attached to the building are generally ineligible unless they are part of a package of measures that consist primarily of eligible measures. Examples of eligible improvements include:
 - Automated building controls
 - o Boilers, chillers, and furnaces
 - Building envelope
 - High-efficiency lighting
 - HVAC upgrades
 - Solar PV and energy storage systems





- Resiliency
- Water Efficiency
- And more!

Visit here for more details: Colorado C-PACE Program

Colorado Clean Energy Fund

The CCEF is a Green Bank and 501(c)(3) non-profit that provides commercial loans to eligible borrowers, which are often small business owners, property owners, and non-profit community organizations. CCEF-backed loans usually have below-market interest rates with low origination fees and no prepayment penalties.

Examples of eligible projects include:

- Solar PV and battery storage
- HVAC upgrades
- EV charging infrastructure
- LED lighting
- Any initiative that leads to reduced utility costs or reduced GHG emissions

Eligibility

Contact CCEF directly to learn more about eligibility requirements

Visit here for more details: CCEF Commercial Products

Colorado Energy Office Climate Pollution Reduction Implementation Grants (Phase II)

In July 2024, the Environmental Protection Agency (EPA) awarded the Colorado Energy Office a \$129 million implementation grant from the Climate Pollution Reduction Grant (CPRG), which will be used to support the following measures:

- Methane Emissions Monitoring & Reduction
- Local Government Climate Action Accelerators
- Large Building Decarbonization

Funds allocated for commercial properties will be allocated to buildings covered by the state Benchmarking and Building Performance Standard that reduce emissions before or beyond regulatory requirements. Projects may include energy efficiency and electrification upgrades that result in cost savings and emissions reductions.

Eligibility

The CEO is expected to release more information about this funding opportunity along with project eligibility requirements as program planning continues.

Visit here for more details: CEO CPRG Information

Clean Air Program

This grant program is administered by the Colorado Energy Office and is designed to encourage voluntary industrial and manufacturing air pollutant emission reduction projects. The minimum award per application is \$100,000 and the maximum award is \$1.5 million. The program offers technical assistance that will help you identify decarbonization opportunities at your facility.





Note: This program is expected to be sunset on June 30th, 2028.

Examples of eligible projects include:

- Fossil fuel efficiency and fuel switching to lower carbon fuel source
- Industrial process changes that reduce air pollutant emissions
- Converting fossil fuel-powered equipment/processes to an electric fuel source
- Renewable energy projects, where grid access is unavailable or where renewable energy clearly supports strategic electrification or fulfills some or all processing heating requirements
- Carbon management projects
- Methane capture and destruction from landfills and coal mines

Eligibility

- Must be a private entity, local government, tribal government, or public-private partnership
- Funds must only be used for costs directly associated with the purchase and installation of industrial air pollutant emission reduction projects at the site where air pollutant emissions are being generated and released (Scope 1 emissions)

Visit here for more details: CEO Clean Air Program

Geothermal Energy Grant Program

This grant program is administered by the Colorado Energy Office and provides funding for the use of zeroemission, geothermal energy for electricity generation and space/water heating/cooling for homes, businesses, and communities. This program includes three sub-grant areas:

- 1. Single-Structure Geothermal
- 2. Community District Heating/Thermal Energy Network
- 3. Geothermal Electricity Generation

Note: At least one additional funding round is anticipated in FY25.

Eligibility

- Single-Structure Geothermal
 - Must be a building owner, developer, local government, tribal government, geothermal installer, contractor, gas or electric service public utility, college or university, and others approved by the CEO
 - See grant program website for details on eligible projects and costs
- Community District Heating/Thermal Energy Network
 - Must be a building owner or operator, campus owner or operator, geothermal installer, public utility, political subdivision/local government, tribal government, consultant, developer, and others approved by the CEO
 - See grant program website for details on eligible projects and costs
- Geothermal Electricity Generation
 - o Must be a local government, tribal government, corporation, or gas/electric service public utility
 - See grant program website for details on eligible projects and costs

Visit here for more details: Geothermal Energy Grant Program

Colorado State Heat Pump Tax Credit

This state-administered tax credit is for eligible heat pumps and similar equipment used for space heating and cooling as well as water heating. The tax credit is split between the registered installing contractor and the customer. Registered contractors are required to provide the tax credit to customers as a discount off the cost of installing eligible heat pump technology.





The total tax credit amount for non-residential buildings are determined by the total installed heating capacity. Registered contractors will claim the tax credit amount for every 4 tons of installed capacity. For example, installing air-source heat pumps (\$1,500/4 tons of capacity) totaling 80 tons of heating capacity in a building would be eligible for a tax credit of \$30,000 before the customer discount. Contractors must provide one-third of the tax credit amount to the customer at the time of installation.

Note: Registered contractors may retain up to two-thirds (or 66.67% for calculation purposes) of the tax credit for heat pumps installed during the 2024 tax year. Contractors must pass through the remaining value as a discount to the customer.

Eligible equipment:

- Air-source heat pump
- Ground-source heat pump
- Water-source heat pump
- Combined-source heat pump
- Heat pump hot water heater
- Thermal energy network
- Variable refrigerant flow heat pump system
- For tax credit eligibility, the heat pump technology must be a primary heat source (designed to serve 80% of heat load).

Visit here for more details: Colorado Heat Pump Tax Credit





FEDERAL INCENTIVES & REBATES

Energy Efficient Commercial Buildings Deduction

This Internal Revenue Service (IRS) tax deduction is for building owners who place in service energy efficient commercial building property (EECBP) or energy efficient commercial building retrofit property (EEBRP). An increased deduction may be available for increased energy savings or meeting prevailing wage and apprenticeship requirements.

Eligible Applicants

- > Are an owner of a qualified commercial building
- Are a designer of EECBP/EEBRP installed in buildings owned by specified tax-exempt entities, including certain government entities, Indian tribal governments, Alaska Native Corporations, and other tax-exempt organizations

Eligible Buildings

- > EECBP Installments
 - Must be installed on or in a building that is located in the U.S. and within the scope of a specified Reference Standard 90.1 of the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) and the Illuminating Engineering Society of North America.
 - o It must be certified as being installed as part of a plan to reduce the total annual energy and power costs for the above systems by 25% or more in comparison to a reference building meeting the minimum requirements of Reference Standard 90.1.
 - o It must be property for which depreciation or amortization is allowable, and installed as part of at least one of the following:
 - The interior lighting systems
 - The heating, cooling, ventilation, and hot water systems
 - The building envelope
- > EEBRP Installments
 - Must be installed on or in a building that is located in the U.S. and was originally placed in service not less than 5 years before the establishment of a qualified retrofit plan for the building.
 - EEBRP must be property for which depreciation or amortization is allowable, and it must be certified as meeting certain energy saving requirements.
 - Must be installed on or in a qualified building as part of at least one of the following:
 - The interior lighting systems
 - The heating, cooling, ventilation, and hot water systems
 - The building envelope

Visit here for more details: Energy Efficient Commercial Buildings Deduction

Commercial Clean Vehicle Credit

This IRS tax credit is available for businesses and tax-exempt organizations that buy a qualified commercial clean vehicle. There is no limit on the number of credits your business can claim, and the credits are nonrefundable. A 45W credit can be carried over as a general business credit.

For vehicles less than 14,000 pounds (e.g., cars, vans, trucks), the maximum credit is \$7,500.





For vehicles more than 14,000 pounds (e.g., schools buses, semi-trucks), the maximum credit is \$40,000

Eligible Vehicles

- A vehicle must be subject to a depreciation allowance, with an exception for vehicles placed in service by a tax-exempt organization and not subject to a lease.
- > The vehicle must also:
 - Be made by a qualified manufacturer as defined in IRC 30D(d)(1)(C)
 - o Be for use in your business, not for resale
 - o Be for use primarily in the United States
 - Not have been allowed a credit under sections 30D or 45W
 - Treated as a motor vehicle for purposes of title II of the Clean Air Act and manufactured primarily for use on public roads (not including a vehicle operated exclusively on a rail or rails); or mobile machinery as defined in IRC 4053(8) (including vehicles that are not designed to perform a function of transporting a load over a public highway)
 - Be a plug-in electric vehicle that draws significant propulsion from an electric motor with a battery capacity of at least 7 kilowatt hours if the gross vehicle weight rating (GVWR) is under 14,000 pounds or 15 kilowatt hours if the GVWR is 14,000 pounds or more; or be a fuel cell motor vehicle that satisfies the requirements of IRC 30B(b)(3)(A) and (B).

Visit here for more details: Commercial Clean Vehicle Credit

Alternative Fuel Vehicle Refueling Property Credit

This IRS tax credit is available to anyone who installs qualified vehicle refueling and recharging property in their home or business. This credit was extended and modified by the Inflation Reduction Act.

Eligible Applicants

Must be a business or individual that placed qualified refueling property into service during the tax year

Eligible Property

- Refueling property must be used to store or dispense clean-burning fuel or to recharge electric motor vehicles
- > The property must also:
 - Be placed in service during the tax year
 - Have original use that began with the taxpayer
 - Be used primarily in the U.S. and U.S. territories
 - o If not business or investment use property, be installed on property used as a main home
 - Must be placed in service in an eligible census tract, which can be viewed here

Visit here for more details: Alternative Fuel Vehicle Refueling Property Credit

Modified Accelerated Cost-Recovery System (MACRS) Depreciation Deduction

This IRS depreciation deduction applies to a variety of property, including clean energy facilities and technology, which may be eligible for a 5-year depreciation deduction under IRS Code Section 168(e)(3)(B).

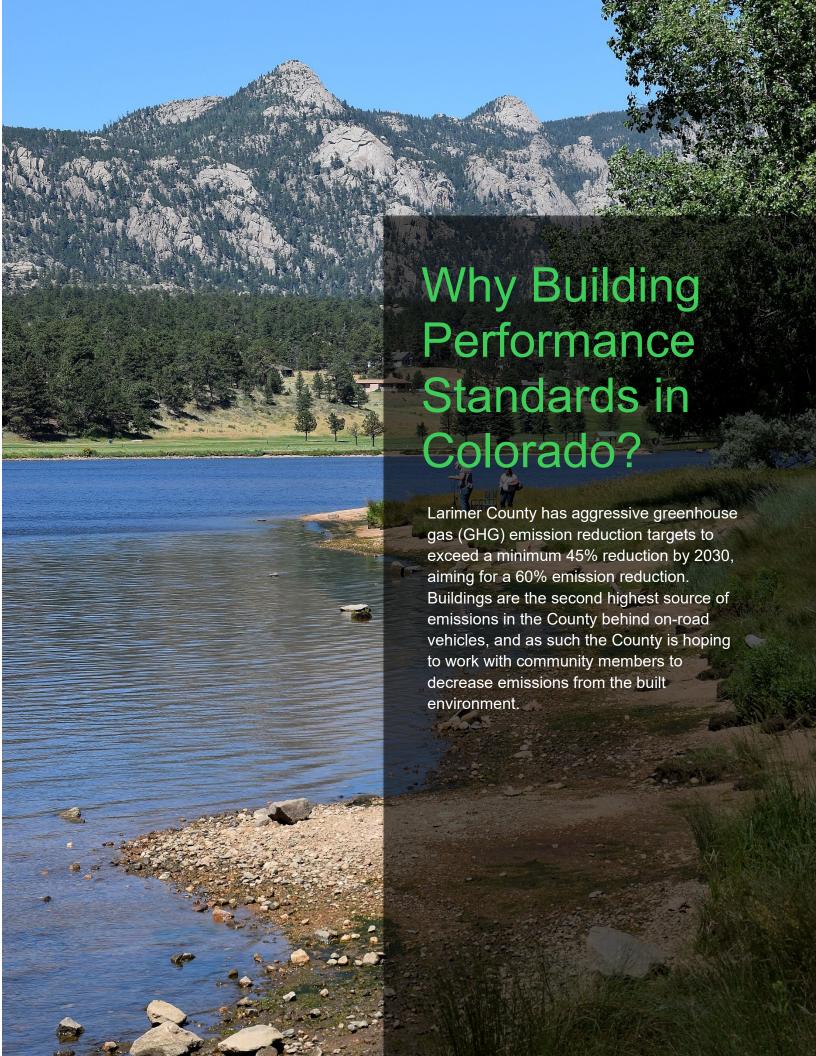
Eligibility





 Must be an owner of a qualified facility, property, or energy storage technology placed into service after December 31st, 2024

Visit here for more details: MACRS Depreciation Deduction









Building Requirements

COLORADO'S BUILDING PERFORMANCE PROGRAM

Background

This section is about the <u>State of Colorado's Building Performance Program</u>, which some Larimer County building owners may be beholden to depending on their square footage and building use type. For questions, please reach out to the Colorado Energy Office.

The goal of the state's Building Performance Colorado (BPC) program is to help Colorado building owners understand and track energy use in large buildings and identify opportunities to improve energy efficiency and reduce economy-wide greenhouse gas (GHG) pollution. Efficient energy use in buildings leads to lower utility costs for building owners and tenants, while also reducing harmful air pollution that causes climate change and a variety of health issues.



Requires owners of **commercial**, **multifamily**, and **public buildings 50,000 square feet or larger** to annually benchmark their whole-building energy use and meet set building performance targets (see below).

- Requirements apply to an individual building's square footage that meets the threshold, not an aggregate of multiple buildings.
- Buildings 50,000 square feet or larger with less than half of the gross floor area dedicated to manufacturing, agricultural, or industrial (MAI) purposes must comply with the benchmarking requirements.



Building Exemptions: To qualify for exemption, owners will need to submit documentation demonstrating that the building has more than half of the total gross floor area dedicated to MAI purposes.

- Storage facilities
- Stand-alone parking garages
- Airplane hangars
- Building lacks heating and cooling
- Buildings where more than half of gross floor area is used for MAI purposes
- Single family homes, duplexes, and triplexes
- Building is a condo or townhouse without a centralized heating or cooling system
- Buildings less than 50,000 square feet



Performance Targets:

 All buildings under this program must collectively meet the overall emission reduction goal of 7% by 2026 and 20% by 2030, from the 2021 energy use baseline.





Compliance



Pay the annual fees (even if requesting exemption) - see specifics below



Building owners can choose to comply with the BPS³ requirements by selecting one of the following compliance pathways and its corresponding metric



Building owners will preliminarily specify which compliance pathway they think is best for their building by July 1, 2024, through this Compliance Pathway Selection form.

- The CEO⁴ will allow building owners to easily change their pathway selection, if needed, through July 1, 2025.
- Building owners who do not select a pathway by the deadline, will be defaulted to the Energy Efficiency Pathway with a property type target.
- Building owners of property types not listed in Appendix A, such as Mixed use, MAI, Indoor Marijuana Facilities, and Data Centers will default to the Standard percent reduction pathway

Pathway	Performance Target	Description	Metric	Reporting Method
Energy Efficiency (Default pathway if not none selected)	Property type target listed in Appendix A	Reduce energy use through energy efficiency measures/technologies	Weather-Normalized Site Energy Use Intensity (EUI)	ENERGY STAR Portfolio Manager benchmarking report
Energy Efficiency Standard Percent Reduction	Flat reduction of: 2026-2029: 13% 2030-2050: 29%	Reduce energy use through energy efficiency measures/technologies	Weather-Normalized Site Energy Use Intensity (EUI)	ENERGY STAR Portfolio Manager benchmarking report
GHG Reduction	Property type target listed in Appendix A	Reduce GHG emissions through high-efficiency electric equipment or renewable energy	Greenhouse Gas Intensity (GHGI)	ENERGY STAR Portfolio Manager benchmarking report & Building Emissions Calculator report
GHG Standard Percent Reduction	Flat reduction of: 2026-2029: 13% 2030-2050: 29%	Reduce GHG emissions through high-efficiency electric equipment or renewable energy	Greenhouse Gas Intensity (GHGI)	ENERGY STAR Portfolio Manager benchmarking report & Building Emissions Calculator report

Benchmarking reports, waiver and exemption applications, and the annual fee can be submitted on the <u>Building</u> Performance Colorado BEAM Building Owner Portal.

Fees

Covered building owners must pay an annual fee of \$100 per building by June 1 of every reporting year (with the exception of public and federal buildings). This fee is paid to the State through the Building Performance Colorado website and covers both benchmarking and building performance reporting. If a building owner fails to pay this annual fee, they will be considered non-compliant.

Penalties

Benchmarking: If a building owner fails to submit a benchmarking report, waiver request, or the corresponding fee, the building owner will be considered non-compliant and subject to civil penalties of \$500 for the first violation and \$2,000 for each subsequent violation.

Performance: If a building owner fails to demonstrate compliance, they will be considered non-compliant and subject to civil penalties of up to \$2,000 for the first violation and up to \$5,000 for each subsequent violation.

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³ BPS = Building Performance Standard

⁴ CEO = Colorado Energy Office





Sources:

- 1. CO BPS Technical Guide
- 2. Comparison of U.S. Building Performance Standards
- 3. Benchmarking to Save Energy

FURTHER BUILDING PERFORMANCE STANDARDS REQUIREMENTS

Background

Several jurisdictions across Colorado have adopted or are considering BPS policies that go beyond the state requirements, including Aspen, Boulder, Denver, and Fort Collins

In 2021 the City of Fort Collins adopted the <u>Our Climate Future</u> plan, which outlines a framework and set of implementation strategies to address climate and energy goals while improving equity and resilience outcomes. One of the key goals in this plan is an 80% GHG emissions reduction by 2030, from a 2005 baseline.

In Fort Collins, buildings account for 2/3 of the community carbon emissions, meaning that enhancing the performance of existing buildings is a critical step to meet community goals. <u>Building Performance Standards</u> are the most powerful, direction the City can take to reduce emissions by 2030, while making existing buildings safer, healthier, more resilient, and reducing energy burden.

FORT COLLINS BUILDING ENERGY AND WATER SCORING

Background

The Building Energy and Water Scoring program requires transparency of energy and water efficiency of commercial and multifamily buildings 5,000 square feet and above. Comparing the energy and water performance of one building against another in the same sector allows commercial real estate stakeholders such as building owners, operators, and tenants, to evaluate the highest-performing, lowest-operating cost option, and to monitor their performance in the marketplace.

Compliance

Each year, owners of covered buildings are required to comply by fulfilling one of two pathways:



Benchmark energy and water use, and report to the City using ENERGY STAR Portfolio Manager.



Submit a valid Waiver to request an exemption.

Reporting is required annually. Each building will receive one 12-month grace period for their first reporting year. No subsequent grace periods will be granted.

Penalties

There is a \$3,000 fine for each year of noncompliance, and the failure to comply in any calendar year shall constitute a single violation in that calendar year. Fort Collins staff will send out a Notice of Need to Comply letter





followed by a Notice of Violation to any building owner of a covered building who does not comply within 30 days following June 1 of each year, and citations will be issued June 1 of the year following the required reporting year.

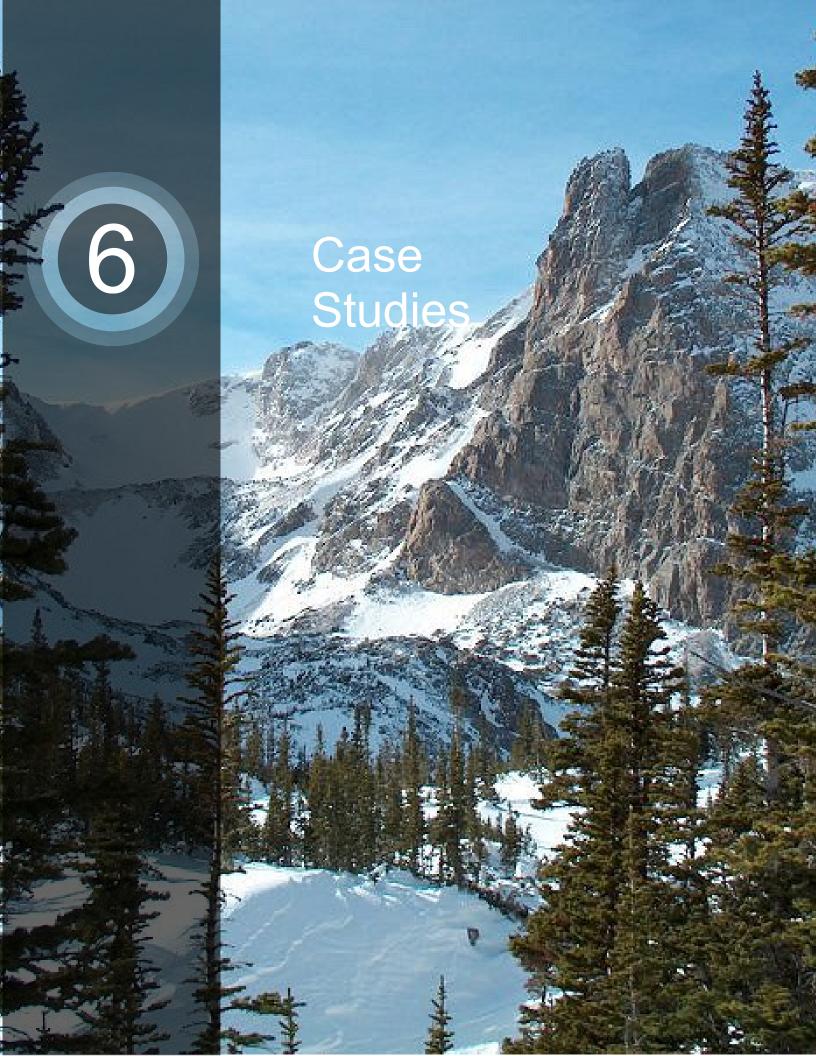
Note that Fort Collins staff is available to provide technical assistance and resources to any building owner to help them comply with the ordinance. Contact Buildingscoring@fcgov.com or call 970-416-2733 for additional questions.

Sources:

- 1. <u>Building Energy and Water Scoring City of Fort Collins Website</u>
- 2. Building Energy and Water Scoring City of Fort Collins Infographic

Other Notes:

Loveland is adhering to the state Building Performance Program: <u>Building Benchmarking | Water & Power - City of Loveland (lovelandwaterandpower.org)</u>. No other major building performance standards for individual cities or towns within the County





Denver Business Owner Funds Energy Efficiency Upgrades after New Construction Project

Energy Efficiency Improvements will result in 35% energy savings

THE CHALLENGE

The York 38, LLC team of Fred and Jerry Glick and partner Ben Valore-Caplan, Denver real estate developers and owners, needed a way to finance improvements at their 21,731 square-foot office building located at 3840 North York Street in Denver.

Fred Glick noted "We needed to replace our windows, but our analysis suggested new windows would have a 242-year simple payback, which is a very poor return on investment."

THE SOLUTION

Having recently used C-PACE financing for construction of a new 54,950 square-foot mixed use project, the Glicks knew that C-PACE was the way to go when addressing energy-efficiency concerns they had with their aging building on North York Street. According to Fred Glick, "By adding lighting and new HVAC equipment to the window replacement scope of work, and using 100%, 20-year C-PACE financing, the project became much more attractive."

"The improvement project, financed through C-PACE, increases the building's asset value, reduces the owner's utility costs, improves tenant comfort, and encourages environmentally sound development. It's a win for everyone."

— Jeremy Behm-Meyer, Senior Vice President of FirstBank

THE IMPACT

The \$490,000 improvement project will result in a projected 35% reduction in the building's annual energy use, and provide upgrades that have been on the owner's to do list for quite some time.



The project is one of several C-PACE projects to be financed by FirstBank. "Colorado's C-PACE program has grown by leaps and bounds over the last few years," Jeremy Behm-Meyer, Senior Vice President of FirstBank, said. "As a community bank, we are thrilled to be able to offer C-PACE financing to our customers because it checks off so many boxes for us."

ABOUT COLORADO C-PACE



Colorado C-PACE provides financing for energy efficiency, renewable energy and water efficiency improvements, including new heating/cooling systems, lighting, water pumps, insulation, and renewable energy projects for commercial properties. C-PACE offers long-term financing that covers 100 percent of the project cost and is repaid over a period of up to 25 years as a line item on the existing property tax bill. Because the loan runs with the property, if the building is sold, the repayment obligation can transfer to the new owner, who will enjoy the ongoing utility cost savings associated with the project.

Visit copace.com for more information.

BY THE NUMBERS

Project type: Energy efficiency

Building type: Office

Building size: 21,731 square feet

Total project cost: \$489,539

Percent financed: 100 percent

Finance term: 20 years

Reduction in energy use: 35 percent

CONTACT COLORADO C-PACE TODAY TO LEARN MORE

Tracy Phillips, C-PACE program director: **720.933.8143** | **tphillips@copace.com** Ken Gallagher, C-PACE program manager: **877.325.1882** | **kgallagher@copace.com**



Powered by:



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The Colorado New Energy Improvement District





No stranger to innovation, digital marketing agency chooses C-PACE

Project will boost office building's value by \$165,000

THE CHALLENGE

The summer is not the best time to be without air conditioning. But that's the situation the team at Room 214, a digital and social media marketing agency based in Boulder, Colorado, found themselves in last year. "Our HVAC went out, and it was a priority not to boil or freeze," said James Clark, the agency's co-founder. "We had a need-based issue, but we also believe in doing everything we can to help the environment, so from there, we looked at other things we needed to upgrade.

THE SOLUTION

Along with a new HVAC system, Clark and his co-founder decided to install energy-efficient lighting, a new solar PV system, a new roof to support the system, and—a first for the Colorado C-PACE program—electric vehicle charging stations. Unfortunately, the cost would

"Our HVAC went out, and our priority was not to boil or freeze. We chose C-PACE because there's no money down, no personal liability, and we could put it on our tax bill. There's no excuse not to do it."

-James Clark, Room 214 co-founder

be considerable—nearly \$300,000. The team considered a business loan, but, after learning more about C-PACE, chose the innovative financing program instead. "There's no money down, no personal liability, and we could put it on our tax bill," said Clark.

THE IMPACT

The co-founders made comprehensive improvements to their building using C-PACE financing, which enabled them to preserve their capital budget. The investment is projected to add more than \$165,000 in value to the building and reduce its energy costs by approximately \$289,000 over the lifetime of the project. Perhaps even more impressively, the agency will reduce its greenhouse gas emissions by 1,869 tons—the equivalent of removing 358 passenger vehicles, each driving for one year, from the roadways.

Clark said that prior to getting involved with the C-PACE program and his C-PACE-registered contractor, he and his team hit "a ton of stumbling blocks" during the early stages of updating his building. "We were trying to navigate the waters on our own, reading bids from HVAC companies and not knowing who or what to trust," he said.

Notably, at the time of Clark's project, the Colorado C-PACE program was new, and only a handful of capital providers had signed up to offer financing. But that changed quickly as the program grew.

Today, the program boasts 25 different private capital providers—the most of any statewide program. This is especially good news for building

owners, who can choose from among multiple term sheets to find the financing that best fit their needs.

"There's no excuse not to do a project," said Clark.
"The financing options are much greater now than when we did our project."

Clark is happy his building is updated, and so is his team. "The employees appreciate the effort and often talk about the upgrades. Plus they're not subjected to extreme heat and cold in the building anymore," he said.

BY THE NUMBERS

Project type: Energy efficiency and renewable energy

Building type: Office

Building size: 26,000 square feet

Total project cost: \$296,251

Percent anced: 100%

Asset value increase: \$165.333

Finance term: 15 years

Lifetime energy savings: \$289,000

ABOUT COLORADO C-PACE



Colorado C-PACE provides financing for energy efficiency, renewable energy and water efficiency improvements, including new heating/cooling systems, lighting, water pumps, insulation, and renewable energy projects for commercial properties. C-PACE offers long-term financing that covers 100 percent of the project cost and is repaid over a period of up to 25 years as a line item on the existing property tax bill. Because the loan runs with the property, if the building is sold, the repayment obligation can transfer to the new owner, who enjoys the ongoing utility cost savings associated with the project.

Visit copace.com for more information.

CONTACT COLORADO C-PACE TODAY TO LEARN MORE

Tracy Phillips, C-PACE program director: **720.933.8143** | **tphillips@copace.com** Ken Gallagher, C-PACE program manager: **877.325.1882** | **kgallagher@copace.com**



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Estes Park Power and Communications

Fort Collins Utilities

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Platte River Power Authority

Lighting upgrades: Making the bright choice

Embassy Suites Loveland completed multiple efficiency projects in 2020 and 2021, saving more than \$57,000 per year in energy costs and substantially decreasing regular maintenance expenses.

Project highlights



695,957 kWh saved annually



\$42,871 Awarded in rebates





"Loveland Embassy Suites would like to thank Efficiency Works for offering an outstanding service and providing free LED lighting, energy efficient shower heads and faucet aerators. This will make a huge impact on our carbon footprint, along with conserving a valuable resource."

Scott Weber Chief Engineer Embassy Suites Loveland

Project details

- Embassy Suites is a hotel, spa and conference center located in Loveland.
- The property received a free energy assessment and free energy-saving products, including LEDs, in common areas and guest rooms.
- The interior common areas and guest rooms were upgraded with LEDs.
- The building's exterior metal-halide fixtures were upgraded with LEDs.

Free efficiency products

Location	Lights	Lights	Customer	Annual kWh	Annual electric
	removed	installed	investment	savings	savings
Interior (common areas and guest rooms)	3,162 screw-in incandescents and fluorescents	3,162 screw-in LEDs	FREE	463,330	\$38,093

Capital improvements

Location	Lights removed	Lights installed	Rebate	Customer investment	Annual kWh savings	Annual electric savings
Interior (common areas)	704 fluorescents and incandescents	853 LED lamps and retrofits	\$2,004	\$7,830	78,733	\$6,473
Exterior	94 metal-halide fixtures	94 LED fixtures	\$14,782	\$2,654	153,894	\$12,652

Additional benefits

- Improved security at night
- Reduced maintenance costs through longer product life spans
- Improved lighting consistency



Estes Park
Power and
Communications

Fort Collins Utilities

Longmont Power & Communications

Loveland Water and Power

Platte River Power Authority

Project highlights



121,837 kWh saved annually



\$35,525 received in rebates



Over \$9,000 saved annually

Efficiency updates lead to annual savings of over \$9,000

Heritage Park Apartments is a property with more than 180 units in Fort Collins, Colorado. The complex has completed four efficiency retrofit projects through the Efficiency Works programs. In 2013 both interior and exterior lighting was upgraded. Additional exterior lighting upgrades were made in 2022 along with upgrading appliances to ENERGY STAR certified versions and installation of smart thermostats. In addition to qualifying for \$35,525 in rebates, these updates are expected to save the property and residents over \$9,000 in annual electric utility costs.



"Our Efficiency Works advisor was able to help Heritage Park with appliance rebates, exterior lighting and interior lighting. These incentives have helped bring down our total utility expense. Efficiency Works was also able to provide and install smart thermostats for all 182 units at Heritage Park. These smart thermostats not only have helped the residents with their monthly utility bill, but have given them the flexibility to adjust temperatures when they are not home. They have been a tremendous help with maximizing incentive programs for both communities."

Jessica Saraney Regional Property Manager Heritage Park and Habitat at Fort Collins Apartments

Visit **EfficiencyWorks.org** for more information.



Project details

Location	Existing equipment	New equipment	Rebate	Annual kWh savings	Annual cost savings
Interior and exterior lights	121 interior and exterior fixtures	LED wallpacks, lamps, and downlights	\$6,275	55,098 kWh	\$3,720
Exterior lights: front door, breezeway, back patios	320 incandescent screw in fixtures	320 LED patio fixtures	\$28,700	50,282 kWh	\$3,923
Interior units	Standard appliances: 8 refrigerators and 6 dishwashers	ENERGY STAR certified appliances	\$550	5,730 kWh	\$573
Interior units	182 analog, manually adjusted thermostats	182 ecobee smart thermostats	Free to the customer, direct install	10,727 kWh	\$859

Additional information and benefits

Exterior lighting project: Retrofitted incandescent screw in fixtures with 9 watt LED fixtures

- Illuminated dark areas for added safety
- Replaced old and damaged fixtures, improving property appearance
- Reduced long-term maintenance costs by moving to integrated LED fixtures versus lamps

Smart thermostat installation: Replaced analog thermostats with ecobee3 lite smart thermostats in 182 units

- Upgraded to models that are intuitive and easy to use
- · Allows for more customization and control of residents' heating and cooling schedule
- Efficiency Works installed new thermostats with support from facilities staff. Free in-unit thermostat install is available to eligible income qualified multifamily properties



Estes Park Power and Communications

Fort Collins Utilities

Longmont Power & Communications

Loveland Water and Power

Platte River Power Authority

Multi-phase project boosts efficiency

Beginning in 2018, **Tharp Custom Cabinetry** in Loveland upgraded to LED lighting in the manufacturing area of their new facility. More than \$128,000 in Efficiency Works rebates helped to minimize up front costs, allowing them to upgrade lighting in both their office and showroom.

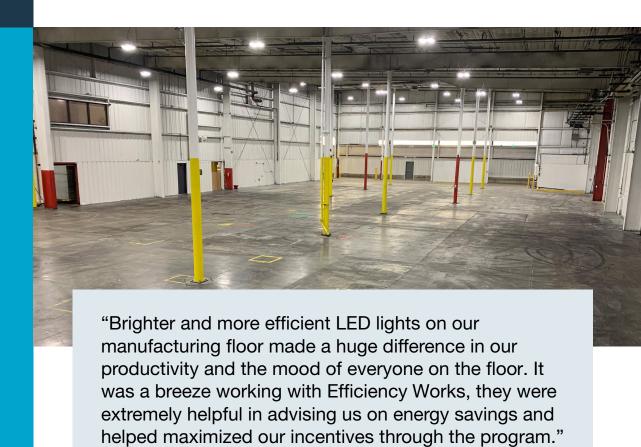
Project highlights



322,101 kWh saved annually







Executive Vice President Tharp Custom Cabinetry

Ming Rummery

Project details

Location	Lights removed	Lights installed	Rebate	Annual kWh savings	Annual cost savings
Manufacturing warehouse (Phase 1)	211 metal halide and fluorescent fixtures	157 LED fixtures	\$49,068	114,032	\$9,009
Office and showroom	577 metal halide, fluorescent and incandescent fixtures	402 LED fixtures	\$50,000	116,243	\$9,183
Manufacturing warehouse (Phase 2)	143 metal halide and fluorescent fixtures	130 LED fixtures	\$29,432	91,826	\$7,549

Additional benefits

- An Efficiency Works energy advisor helped Tharp Custom Cabinetry sort through multiple competitive bids from contractors. After the scope was selected, the energy advisor also helped complete incentive applications to ensure quick funding approvals.
- This project was completed in three phases to maximize the incentives and minimize out of pocket expenses. Simple payback periods after incentives were less than two years.
 - Replacement was prioritized based on move in timeline to take advantage of unoccupied areas of the building.
 - First phase (2018): upgraded lighting in manufacturing area.
 - Second phase (2019): finished manufacturing area lighting upgrade as well as office and showroom.
 - Third phase (2021): upgraded lighting in previously subleased area of building.
- As they look to the future, facility staff is looking to upgrade exterior lighting and install high efficiency, variable speed compressors, all with the help of the Efficiency Works Business programs.









Additional Resources

Small Business Assistance Program | Colorado Department of Public Health & Environment

The Small Business Assistance Program (SBAP) offers free and confidential compliance support, outreach, and advocacy to eligible small businesses throughout Colorado.

SBAP services include:

- Regulatory assistance
- Free and confidential on-site visits
- Access to the SBAP resource library
- Referrals to the Generator Assistance Program
- Referrals to the Small Business Ombudsman
- Partnerships & workshops

To qualify for assistance, your business must:

- ➤ Have fewer than 100 employees
- > Release less than 50 tons per year of any regulated pollutant
- Release less than 75 tons per year of any combination of regulated pollutants

Click here to learn more: https://cdphe.colorado.gov/sbap-small-business-services

Colorado Green Business Recognition | Colorado Department of Public Health & Environment

Be recognized for your sustainability efforts!

The Colorado Green Business Network (CGBN) uses an online reporting tool called GreenBizTracker, which allows businesses to register for free and store information on their sustainable practices in a format that the CODPHE use to evaluate & assist businesses according to its recognition criteria. GreenBiz Tracker also allows for the creation of a business profile, which once the business is recognized, is published, and made searchable by the public to encourage more consumer awareness about the companies involved in the program.

The CGBN also offers FREE sustainability assessments and follow-up support to help you improve energy efficiency, water conservation, waste reduction, and corporate social responsibility. The Green Business specialists provide high level technical assistance on an ongoing basis, and work with organizations of any size, type, and expertise.

The CGBN also provides support with...

- Hosted workshops and trainings
- Choosing a baseline
- Creating a sustainable purchasing policy
- Building a green team
- Calculating a GHG inventory





- Calculating a waste diversion rate
- Reducing food waste

Click here to learn more about the recognition program: <u>CDPHE Recognition Program</u>

Click here to learn more about CGBN technical assistance: <u>CGBM Technical Assistance</u>

CLIMATE SMART FUTURE Ready

Life Is On Schneider