

Federal, State, Local, and Utility Incentives for Commercial Electrical Customers

Revised December 2024

Background:

Federal, state, local, and utility incentives are readily available for investing in electric clean energy technologies and solutions. The tables in this document summarize the grants, rebates, incentives, and tax credits that may be available to commercial entities in the service area of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications, or Loveland Water and Power, for the following technology segments:

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The program details in these tables capture publicly available incentive information as of October 2024. Each offering name includes a link to its website for more information and resources. The tables provide an overview of incentives and should not be your only source of information for making decisions about technology purchases, rate plan enrollment, taxes, or other binding agreements. Not all program terms and descriptions are captured in this document. Interested customers should contact the program administrator to explore and verify these opportunities. At the end of the document is a section with additional clean energy transition support.

The Internal Revenue Service (IRS) as well as state and local entities offer tax incentives for procuring clean energy technologies. This information is not formal tax guidance, so taxpayers may not rely on it to substantiate a tax return position. This information does not reflect the application of the law to a specific taxpayer's situation, and the applicable Internal Revenue Code provisions ultimately control. It is recommended that individuals or entities looking to claim the tax incentives consult with a tax professional, accountant, or attorney for questions regarding eligibility in terms of tax incentives.

Energy Efficiency

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Solar Systems, Combined Heat and Power (CHP), Geothermal Heat Pumps	USDA - Rural Energy for America Program (REAP) Grant	Federal	Grant	U.S. Department of Agriculture	The REAP program provides grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Grants cover up to 50% of costs for zero-emissions renewable projects, \$1 million for renewable energy systems, \$500,000 for energy efficiency projects	Total Project Costs	2025 deadlines have not been released yet.
Clean Energy Technologies	Prevailing Wage and Apprenticeship Requirements	Federal	Tax Incentive	U.S. Internal Revenue Service	Bonus credit or deduction worth up to 5 times the base amount for clean electricity projects, facilities, and technologies that meet prevailing wage and apprenticeship requirements. Bonus credit applies to the Alternative Fuel Refueling Property credit, the PTC, ITC, the Energy-Efficient Commercial Buildings Deduction, and other programs.	Prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022	Not listed
Insulation, HVAC, Appliance	Home Energy Rebate Program	State	Rebate	Colorado Energy Office	Home Efficiency Rebates will be available for large multifamily buildings (50,000 square feet or larger) and mobile/manufactured homes taking a comprehensive set of actions to reduce energy usage. Projects must reduce home or building energy use by at least 20%, with larger rebates available for bigger reductions. Eligible property owners must house a majority income-qualified residents to qualify for Home Efficiency Rebates.	To Be Determined	Expecting to launch in winter 2024-2025.
Heat Pumps	Colorado Heat Pump Tax Credits	State	Tax Incentive	Colorado Energy Office	All Colorado residents, businesses, and other organizations who install an eligible heat pump through a registered contractor may receive a portion of the tax credit (at least 33.33%) as a discount at the time of installation. Registered contractors who claim the tax credit are required to provide a discount off the cost of installing eligible heat pump technology	Installation Costs	Funding available until 2029 or later.

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Lighting, Food Service, Grocery, Office and Appliance, Building Envelope, Cooling Upgrades, Variable Frequency Drives (VFD), Custom	Efficiency Works Business Rebate	Utility	Rebate	Efficiency Works	Efficiency Works provides financial incentives for the utilities of Estes Park, Fort Collins, Longmont, and Loveland to commercial electricity customers. Some eligible rebate technologies include retrofitting lighting, food service equipment, windows, and variable frequency drives. A maximum incentive amount of 100% of total project cost applies per project and customer per calendar year.	Total Project Costs	Ongoing. Updated annually.
Building Efficiency Assessment	Efficiency Works Energy Assessment Program	Utility	Incentive	Efficiency Works	Efficiency Works Business can identify potential energy efficiency opportunities and rebates so commercial properties and their tenants can save money on utility bills. Energy advisors are available to complete facility assessments, review project bids, plan future projects and install qualifying efficiency items. This free, no obligation advising and assessment service is available to commercial utility customers of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power.	Assessment Costs	Not listed
Lighting, Food Service, Grocery, Office and Appliance, Building Envelope, Cooling Upgrades, Variable Frequency Drives (VFD)	Efficiency Works Community Efficiency Grant	Utility	Grant	Efficiency Works	The Community Efficiency Grant is available to non-profit, community service provider and multifamily properties that service income eligible communities that are an electric customer of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power. This grant provides an additional 1.5 times the standard Efficiency Works Business rebate.	Total Project Costs	Ongoing. Updated annually.

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Lighting, Insulation, Low-Flow Fixtures, HVAC	Nonprofit Energy Efficiency Program	State	Grant	Energy Outreach Colorado	Nonprofits in Colorado are eligible for grant funding to complete energy efficiency upgrades to facilities owned or with a long term lease.	Total Project Costs	Applications before December 13, 2023 will be reviewed in calendar Q1 2025.
Building Electrification Assessment	Partners for a Clean Environment (PACE) Energy Plan	Local	Incentive	Partners for a Clean Environment	For commercial businesses located in Boulder County, PACE offers up to \$20,000 per property to create a plan for electrifying your commercial building and ditching fossil fuels for good. Experts will deliver a set of personalized options to save energy, cut indoor air pollution, and future-proof your property with efficiency upgrades and electric technology. Commercial buildings can receive 80% of project costs covered, and Equity Priority Buildings can receive up to 100% of costs covered.	Assessment Costs	Not listed
Solar Systems, Insulation, Space Heating and Cooling Upgrades, HVAC, Sensible Heat Recovery, Lighting, Water Heating, Kitchen Equipment	Partners for a Clean Environment (PACE) Energy Efficiency Rebates	Local	Rebate	Partners for a Clean Environment	For commercial businesses located in Boulder County, PACE provides custom and prescriptive rebates for commercial efficiency improvements with increased incentives for Equity Priority buildings.	Total Project Costs	Not listed
Lighting, Insulation, HVAC, Building Envelope, Comprehensive Measures	Energy-Efficient Commercial Buildings Tax Deduction	Federal	Tax Incentive	U.S. Internal Revenue Service	Building owners who place in service energy efficient commercial building retrofit property (EECBP) or energy efficient commercial building retrofit property (EEBRP) may be able to claim a tax deduction. The deduction is available to owners of qualified commercial buildings and designers of EECBP/EEBRP installed in buildings owned by specified tax-exempt entities. Eligible entities are able to claim the credit per	Tax Deduction per square foot of property based on energy savings	Annual tax filing deadline

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
					square foot of the property and based on the percentage of energy savings.		
Efficient Homes	New Energy Efficient Homes Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	Eligible contractors who build or substantially reconstruct qualified new energy-efficient homes may be able to claim tax credits up to \$5,000 per home. The amount of the credit depends on factors including the type of home, its energy efficiency, and the date when the home is acquired.	Energy Efficiency Measures for Residential Buildings	Regular annual tax deadlines. The program sunsets in 2032.
Building and Process Electrification Assessment	Efficiency Works Building Performance Standards Compliance Study Incentive	Utility	Incentive	Efficiency Works	Commercial electric customers of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power may be eligible to receive incentives up to \$25,000 of assessment costs to help cover the cost of an in-depth building performance standards (BPS) compliance study performed by a listed Efficiency Works service provider.	Assessment Costs	Not listed

Electrification (e.g. Electric Vehicles, HVAC, process)

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Clean Energy Technologies	Prevailing Wage and Apprenticeship Requirements	Federal	Tax Incentive	U.S. Internal Revenue Service	Bonus credit or deduction worth up to 5 times the base amount for clean electricity projects, facilities, and technologies that meet prevailing wage and apprenticeship requirements. Bonus credit applies to the Alternative Fuel Refueling Property credit, the PTC, ITC, the Energy-Efficient Commercial Buildings Deduction, and other programs.	Prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022	Not listed
Electrified Replacements for Fossil Fuel-Powered Equipment or Processes, Solar Systems	Colorado's Clean Air Program (CAP)	State	Grant	Colorado Energy Office	The Colorado Clean Air Program (CAP) provides grants to offset the direct costs of industrial air pollutant emission reduction equipment. Maximum CAP-provided project cost coverage is \$1.5 million. Applicants are also subject to match requirements.	Installation Costs, Equipment Cost, Utility Upgrade Fees, Shipping, Labor	Round 2 closes October 9, 2024. Program sunsets June 30, 2028.
Direct Current Fast Charging (DCFC) Equipment	Direct Current (DC) Fast Charging Plazas Program	State	Grant	Colorado Energy Office	The Colorado Energy Office supports initiatives to ensure access to electric vehicle charging stations in Colorado. CEO developed the Direct Current Fast-Charging (DCFC) Plazas program in partnership with the Colorado Department of Transportation (CDOT) to increase access to high-speed charging in communities and along highway corridors throughout the state. The DCFC Plazas program is funded through the National Electric Vehicle Infrastructure (NEVI) program and the Community Access Enterprise (CAE). Sites incorporating Battery Energy Storage Systems (BESS) are eligible for an additional \$25,000 per site where merited for battery integrated storage. Standalone battery storage systems are eligible for up to an additional \$45,000.	EV Charger and Related Equipment Costs, Installation, Labor, Other Site Upgrades	Latest application round ended September 20, 2024.
Electric Vehicles	Energy/Mineral Impact Assistance	State	Grant	Colorado Department of	The Energy/Mineral Impact Assistance Fund Grant (EIAF) program assists political subdivisions that are socially and/or economically impacted by the development, processing, or	Project Cost	The EIAF Cycle 25-03 application

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
	Fund Grant (EIAF)			Local Affairs (DOLA)	energy conversion of minerals and mineral fuels. Grants can be received by municipalities, cities, school districts, or special districts for a variety of measures including purchasing electric vehicles. Funds come from the state severance tax on energy and mineral production and from a portion of the state's share of royalties paid to the federal government for mining and drilling of minerals and mineral fuels on federally-owned land.		opens on November 1, 2024 and closes on December 1, 2024.
Battery Electric Vehicles, Plug in Hybrid Electric Vehicles	Innovative Motor Vehicle Credit	State	Tax Incentive	Colorado Department of Revenue	Colorado taxpayers may be eligible for a state tax credit of \$5,000 for the purchase or lease of a new EV with a manufacturer's suggested retail price (MSRP) up to \$80,000, and an additional tax credit of \$2,500 for the purchase or lease of a new EV with an MSRP up to \$35,000. Lease agreements must have an initial term of at least two years.	Vehicle Capital Cost	2025
Heavy-Duty Electric Vehicles, Medium-Duty Electric Vehicles	Innovative Truck Credit	State	Tax Incentive	Colorado Department of Revenue	Colorado allows a refundable income tax credit for the purchase or lease of a qualifying truck. Tax credit amounts depend upon tax year and if the vehicle is purchased or leased.	Vehicle Capital Cost	2025, projected to run through 2028.
Heavy Duty Electric Vehicles	Sales and Use Tax Exemption for Low-Emitting Heavy Vehicles	State	Tax Incentive	Colorado Department of Revenue	Motor vehicles greater than 26,000 pounds gross vehicle weight rating (GVWR) that are certified by United States Environmental Protection Agency (EPA) as provided in the federal heavy-duty national program that includes new greenhouse gas emissions standards may be exempt from state sales and use tax. Parts that are certified by the EPA may also be exempt from state sales and use tax when converting motor vehicles greater than 26,000 pounds GVWR.	Sales Tax Exemption, Use Tax Exemption	Not listed
Level 2 (L2) Electric Vehicle Service Equipment, Direct Current Fast Charging	Charge Ahead Colorado Grants	State	Grant	Colorado Energy Office	Charge Ahead Colorado supports electric vehicle (EV) adoption in Colorado by providing grants for EV charging stations to serve communities across the state. The Charge Ahead Colorado grant provides funding for community-based Level 2 and direct current fast-charging (DCFC) electric vehicle charging stations. All public and private entities interested in installing Level 2 or Direct Current Fast Chargers (DCFC) may apply. However, the following projects are of	EV Charging Equipment Capital Costs	Charge Ahead Colorado has three standard application funding rounds per

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
(DCFC) Equipment					particular interest: Workplaces, Multifamily housing, Tourist destinations.		year - in January, May and September.
Light-Duty Electric Vehicles, Medium-Duty Electric Vehicles, Heavy-Duty Electric Vehicles	Fleet-ZERO EV Charging Grant	State	Grant	Colorado Energy Office	Colorado's Fleet Zero-Emission Resource Opportunity (Fleet-ZERO) Grants support the charging needs of fleet owners and operators seeking to electrify their vehicles, as well as third-party providers intending to offer public charging and EV charging-as-a-service to fleets. This program offers statewide competitive grant funding for private depot charging, public and semi-public fleet charging, and fleet charging as-a-service, with prioritized investments in disproportionately impacted communities and enhanced incentives for eligible qualifying entities.	EV Charging Equipment Capital Costs	Two application rounds per year, spring and fall.
Level 2 (L2) Electric Vehicle Service Equipment	Efficiency Works Electric Vehicle (EV) Charging Infrastructure Rebate	Utility	Rebate	Efficiency Works	Efficiency Works offers a Level 2 public electric vehicle charging infrastructure incentive to commercial customers served by Fort Collins Utilities, Estes Park Power and Communications, Loveland Water and Power, and Longmont Power and Communications. Infrastructure costs include trenching, installation of underground wires/cables, new meters, concrete, and other expenses related to making an installation site ready for an electric vehicle charger to be installed.	EV Charging Equipment Capital Costs, Infrastructure Costs	Not listed
Fleet Electrification Assessment	Efficiency Works Fleet Electrification on Study	Utility	Incentive	Efficiency Works	Commercial electric customers of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power may be eligible to receive incentives up to \$30,000 of assessment costs to help cover the cost of an in-depth fleet electrification study performed by a listed Efficiency Works service provider.	Assessment Costs	Not listed
Heavy Duty Electric Vehicles, Medium Duty Electric Vehicles, EV	Diesel Emissions Reduction Act	Federal	Grant	U.S. Environmental Protection Agency	The Diesel Emissions Reduction Act (DERA) program provides grants and rebates to reduce harmful emissions from diesel engines. This funding aims to protect human health and improve air quality by supporting projects that upgrade, retrofit, or replace older diesel engines with cleaner alternatives. DERA funding is available for a variety of projects, including:	Capital Costs	Current 2024 Tribal and Territory Notice of Funding Opportunity

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Charging Equipment					retrofitting or replacing existing diesel engines, vehicles, and equipment. Eligible applicants include regional, state, and local agencies, tribal governments, port authorities, school districts, and nonprofit organizations.		Due December 6, 2024.
Electric School Buses, EV Charging Equipment	Clean School Bus Grant	Federal	Grant	U.S. Environmental Protection Agency	The Clean School Bus Grants Program, part of the EPA's Clean School Bus Program, provides funding to replace older school buses with new, cleaner models, including zero-emission buses. This initiative is part of the Bipartisan Infrastructure Law, which allocates \$5 billion over five years (2022-2026) to support this transition. The grants are awarded through a competitive process, and eligible applicants include public school districts, state and local governmental entities, tribal organizations, and certain third-party contractors.	Electric School Bus Capital Costs, EV Charging Equipment Capital Costs, EV Charging Equipment Installation Costs	Projected to open annually through 2026.
Electric School Buses, EV Charging Equipment	Clean School Bus Rebate	Federal	Rebate	U.S. Environmental Protection Agency	The Clean School Bus Rebate Program provides funding to replace old school buses with new, clean, and zero-emission models. This initiative is part of the Bipartisan Infrastructure Law, which allocates \$5 billion over five years (2022-2026) to support this transition. Eligible applicants include public school districts, state and local governmental entities, tribal organizations, and certain third-party contractors.	Electric School Bus Capital Costs, EV Charging Equipment Capital Costs, EV Charging Equipment Installation Costs	Projected to open annually through 2026. The application period for the 2024 rebates is open until January 9, 2025.
Electric Transit Buses, EV Charging Equipment	Low or No Emission Grant Program	Federal	Grant	U.S. Federal Transit Administration	The Low or No Emission competitive program provides funding to state and local governmental authorities for the purchase or lease of zero-emission and low-emission transit buses as well as acquisition, construction, and leasing of required supporting facilities	EV Charging Equipment Capital Costs, Vehicle Capital Cost	Annual award through 2026.
Electric Rate	Commercial Electric Vehicle Charging	Utility	Utility Rate	Loveland Power and Water	The City of Loveland offers commercial customers reduced electric rates for electric vehicle charging stations. Whether you need a few chargers or enough for a fleet, you'll save	Electric Utility Charges	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
	Station Rate				money on your bill with dedicated meters and low-charging rates.		
Commercial Landscaping Equipment	Partners for a Clean Environment (PACE) Landscaping Grant	Local	Grant	Partners for a Clean Environment	Grants are available to professional landscaping businesses located in Boulder County. Businesses must fill out the grant application, get approved, and receive a voucher before purchasing the equipment at a participating retailer – grants cannot be awarded after the equipment is bought. The grant covers 80% of the cost of electric landscape equipment (before tax). The maximum grant amount covered by PACE is limited to \$30,000.	Total Equipment Cost	Program Currently at Capacity
Level 2 (L2) Electric Vehicle Service Equipment, Direct Current Fast Charging (DCFC) Equipment	Alternative Fuel Vehicle Refueling Property Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	If your business installs qualified vehicle refueling and recharging property, including electric vehicle charging equipment, it may be eligible for the Alternative Fuel Vehicle Refueling Property Tax Credit. To qualify, your business must install property used to (1) recharge electric motor vehicles (including certain electrical energy storage technology) or (2) store or dispense clean-burning fuel (such as hydrogen fuel for fuel cell vehicles). The property must also be placed in service during the tax year, have original use that began with the taxpayer, be depreciable property, and be in an eligible census tract.	EV Charger Capital Costs and Associated Equipment.	Regular annual tax deadlines. The program sunsets in 2032.
Battery-Electric Vehicles, Plug in Hybrid Electric Vehicles, Fuel Cell Electric Vehicles	Commercial Clean Vehicle Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	Businesses and tax-exempt organizations that buy a qualified commercial clean vehicle may qualify for a clean vehicle tax credit of up to \$40,000 under Internal Revenue Code (IRC) 45W.	Vehicle Capital Cost	Regular annual tax deadlines. The program sunsets in 2032.
Building and Process Electrification Assessment	Efficiency Works Building & Process Electrification	Utility	Incentive	Efficiency Works	Commercial electric customers of Estes Park Power and Communications, Fort Collins Utilities, Longmont Power & Communications or Loveland Water and Power may be eligible to receive incentives up to \$25,000 of assessment costs to help cover the cost of an in-depth building and	Assessment Costs	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
	on Study incentive				process electrification study performed by a listed Efficiency Works service provider.		

Demand Response

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Electric Demand Management Measures	Demand Charges	Utility	Utility Rate	Fort Collins Utilities	Fort Collins Utilities offers a rate for commercial customers with an average monthly demand of 25 kilowatts (kW) or more incur charges for demand. Customers with an average monthly demand greater than 50 kW are also subject to a coincident peak demand charge. These charges are mandatory and encourage customers to reduce demand to lower their utility bill. Fort Collins recommends customers utilize tools, like PRPA's Peak Load Monitor, to track their energy consumption and to be alerted of potential peak hours. Fort Collins also offers customized advice to customers.	Electric Utility Charges	Not listed
Electric Demand Management Measures	Time-of-Day Rate	Utility	Utility Rate	Estes Park Power & Communications	Estes Park Power and Communications provides a time-of-day rate schedule for commercial customers. This plan encourages customers to use less electricity during peak hours by offering a lower rate for off-peak hours.	Electric Utility Charges	Not listed
Electric Demand Management Measures	Demand Charges	Utility	Utility Rate	Estes Park Power & Communications	Large commercial customers in the Estes Park Power and Communications incur an additional demand charge. These mandatory charges may encourage customers to reduce demand to lower their utility bill.	Electric Utility Charges	Not listed
Electric Demand Management Measures	Demand Charges	Utility	Utility Rate	Longmont Power & Communications	Longmont Power and Communications offers demand rates to encourage commercial customers to manage their energy use. Customers with a monthly demand over 50 kilowatts (kW) fall under the Commercial Demand Rate, while those over 800 kW are subject to the Commercial Coincident Demand Rate. They can switch to a lower rate by reducing demand, and customers generating electricity on-site from renewable sources may qualify for the Commercial Demand Self Generation Rate.	Electric Utility Charges	Not listed
Electric Demand Management Measures	Demand Charges	Utility	Utility Rate	Loveland Water & Power	Nonresidential Loveland Water and Power customers with an average demand over 50 kilowatts (kW) may incur additional demand charges. Those exceeding 1,400 kw are subject to the Coincident Peak Demand Service. These charges help	Electric Utility Charges	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
					encourage demand reduction to lower utility bills. Additionally, customers generating electricity on-site from renewable sources may qualify for the Commercial Demand Self Generation Rate.		

Distributed Generation (e.g. Solar)

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Solar Systems, Combined Heat and Power (CHP), Geothermal Heat Pumps	USDA - Rural Energy for America Program (REAP) Grant	Federal	Grant	U.S. Department of Agriculture	The REAP program provides grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Grants cover up to 50% of costs for zero-emissions renewable projects, \$1 million for renewable energy systems, \$500,000 for energy efficiency projects	Total Project Costs	2025 deadlines have not been released yet.
Energy Generation and Energy Storage Facilities	Clean Electricity Investment Tax Credit (ITC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The Clean Electricity Investment Tax Credit replaces the current Investment Tax Credit for Energy Property in 2025. This is a technology-neutral tax credit, meaning it applies to all generation facilities and energy storage systems that have an anticipated greenhouse gas emissions rate of zero. The base credit amount is 6 percent, but can increase to 30 percent if wage and apprenticeship requirements are met.	Capital Costs	Regular annual tax deadlines. The program sunsets in 2032.
Energy Generation and Energy Storage Facilities	Domestic Content Bonus Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	Increases the PTC by 10 percent and the ITC by up to 2 percentage points if the domestic content requirement is satisfied if the taxpayer can certify a certain percentage of the steel, iron, or other manufactured components used to build their facility, energy project, or energy storage technology manufactured in the United States.	Electricity Generation	Not listed
Energy Generation and Energy Storage Facilities	Energy Community Tax Credit Bonus	Federal	Tax Incentive	U.S. Internal Revenue Service	Additional credit on top of the PTC or ITC is available for clean electricity projects, facilities, and technologies in energy communities. The increase is generally 10% for the PTC and 2 percentage points for the ITC.	Zero-GHG Emitting Technology, Electricity Generation from Non-GHG Emitting Source	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Clean Energy Technologies	Prevailing Wage and Apprenticeship Requirements	Federal	Tax Incentive	U.S. Internal Revenue Service	Bonus credit or deduction worth up to 5 times the base amount for clean electricity projects, facilities, and technologies that meet prevailing wage and apprenticeship requirements. Bonus credit applies to the Alternative Fuel Refueling Property credit, the PTC, ITC, the Energy-Efficient Commercial Buildings Deduction, and other programs.	Prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022	Not listed
Solar Systems, Wind Turbines and Related System Components, Other Generating Equipment	Sales and Use Tax Exemption for Renewable Components	State, Local	Tax Incentive	Colorado Department of Revenue	The state of Colorado offers sales and use tax exemptions for components used in the production of alternating current electricity from a renewable source. Components include, but are not limited to, wind turbines, rotors and blades, solar modules, trackers, generating equipment, support structures or racks, towers and foundations, concentrating solar components and other components such as wiring and switchgears. This exemption does not apply to components beyond the point of generator step-up transformers located at the production site, labor, energy storage devices, or remote monitoring systems. Local governments may also have tax exemptions and credits, which can be searched here: https://colorado.ttr.services/	Sales Tax Exemption, Use Tax Exemption	Not listed
Solar Systems	Fort Collins Utilities Commercial Solar Rebate Program	Utility	Rebate	Fort Collins Utilities	Commercial customers of Fort Collins Utilities can receive rebates for the installation of solar PV systems. The system must be greater than 500 watts and less than the capacity to provide up to 200% of average annual energy use over the previous 24 months.	Solar System Electricity Generation	Not listed
Solar Systems	Utility Net Metering	Utility	Bill Credit	Fort Collins Utilities, Estes Park Power and Communications, Loveland Water and Power, Longmont Power, Loveland Water and Power, Longmont	Fort Collins Utilities, Estes Park Power and Communications, Loveland Water and Power, and Longmont Power and Communications offer net metering to commercial customers who generate electricity using an onsite solar system. Meters track direct grid inputs and surplus solar energy sent back to grid. Bill credits for the amount of surplus solar energy generated for the grid are applied to monthly statements.	Solar System Electricity Generation	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
				Power and Communications			
Solar Systems	Partners for a Clean Environment (PACE) Solar Rebate	Local	Rebate	Partners for a Clean Environment	Multifamily housing and commercial businesses located in Boulder County are eligible to receive a rebate of \$0.75/watt up to \$10,000 per project. Rebates are subject to program limits and funding availability based on a first-come-first-serve basis. Businesses must be in operation for at least two years and total operating square footage must be 2,500 square feet or less.	Solar System Electricity Generation	Not listed
Solar Systems	Partners for a Clean Environment (PACE) Solar Equity Grant	Local	Rebate	Partners for a Clean Environment	Nonprofit organizations in good standing with the State of Colorado and classified as IRS 501(c)3, operating in Equity Priority Buildings, and responsible for paying energy bills are eligible to receive a grant up to \$10,000 for a solar PV system project. Businesses must be in operation for at least two years and total operating square footage must be 2,500 square feet or less.	Total Project Costs	Not listed
Solar Systems, Wind Turbines, Related System Components	Low-Income Communities Bonus Credit Program	Federal	Tax Incentive	U.S. Department of Energy	Up to 20 percent credit increase on top of the Clean Energy Investment Tax Credit (ITC) for small-scale solar and wind or clean electricity facilities on Indian land, in federally subsidized housing, in low-income communities, benefiting low-income households, or a facility located in lower-income communities.	Zero-GHG Emitting Technology Capital Costs	The 2024 application round for program categories 1, 3, and 4 closed on October 10, 2024. Applications Category 2 closes on November 12, 2024.
Energy Generation Technologies	Clean Electricity Production	Federal	Tax Incentive	U.S. Internal Revenue Service	The Clean Electricity Production Tax Credit replaces the Renewable Electricity Production Tax Credit (PTC) in 2025. This is a technology neutral credit, meaning it applies to any zero-greenhouse-gas-emitting technology that generates	Solar and Geothermal System	Regular annual tax deadlines. The

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
	Tax Credit (PTC)				electricity placed in service after December 31, 2021. The tax credit applies to the electricity generated from a qualifying system during its first 10 years operation. The base credit amount is 0.3 cents per Kilowatt-hour but can increase up to 1.5 cent if wage and apprenticeship requirements are met. Bonus credits are also available.	Electricity Generation	program sunsets in 2032.
Energy Generation Technologies	Renewable Electricity Production Tax Credit (PTC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The production tax credit is a per kilowatt-hour tax credit for electricity generated by solar and other qualifying technologies for the first 10 years of system operation and is adjusted annually for inflation.	Solar and Geothermal System Electricity Generation	Beginning construction before January 1st 2025.
Electrified Replacements for Fossil Fuel-Powered Equipment or Processes, Solar Systems	Colorado's Clean Air Program (CAP)	State	Grant	Colorado Energy Office	The Colorado Clean Air Program (CAP) provides grants to offset the direct costs of industrial air pollutant emission reduction equipment. Maximum CAP-provided project cost coverage is \$1.5 million. Applicants are also subject to match requirements.	Installation Costs, Equipment Cost, Utility Upgrade Fees, Shipping, Labor	Round 2 closes October 9, 2024. Program sunsets June 30, 2028.
Fuel Cell, Solar Systems, Geothermal, Small Wind, Energy Storage, Biogas, Microgrid Controllers, Combined Heat and Power (CHP) Properties	Investment Tax Credit for Energy Property	Federal	Tax Incentive	U.S. Internal Revenue Service	Tax credit for investments made in renewable energy projects. The base credit amount is 6 percent but can increase to 30 percent if wage and apprenticeship requirements are met. Bonus credits are also available. Facilities must be placed in service before the end of 2024. Facilities placed in service in 2025 or later are eligible for the Clean Electricity Investment Tax Credit.	Reduces the federal income tax liability for a percentage of the cost of a qualified system installed during the tax year.	Facilities must be placed in service before January 1, 2025.
Fuel Cell, Solar, Geothermal,	Modified Accelerated Cost-	Federal	Tax Incentive	U.S. Internal Revenue Service	The MACRS tax deduction helps companies recover the cost of quickly depreciating assets over their useful life. The Inflation Reduction Act allows some clean energy facilities,	Property Depreciation Costs	Annual tax filing deadline

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Small Wind, Energy Storage, Biogas, Microgrid Controllers, Combined Heat & Power (CHP)	Recovery System (MACRS)				property, and technology to qualify for MACRS. The tax credit only applies to facilities, property, and technology placed in service after December 31, 2024.		

Distributed Storage (e.g. Batteries)

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Energy Generation and Energy Storage Facilities	Clean Electricity Investment Tax Credit (ITC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The Clean Electricity Investment Tax Credit replaces the current Investment Tax Credit for Energy Property in 2025. This is a technology-neutral tax credit, meaning it applies to all generation facilities and energy storage systems that have an anticipated greenhouse gas emissions rate of zero. The base credit amount is 6 percent, but can increase to 30 percent if wage and apprenticeship requirements are met.	Capital Costs	Regular annual tax deadlines. The program sunsets in 2032.
Energy Generation and Energy Storage Facilities	Domestic Content Bonus Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	Increases the PTC by 10 percent and the ITC by up to 2 percentage points if the domestic content requirement is satisfied if the taxpayer can certify a certain percentage of the steel, iron, or other manufactured components used to build their facility, energy project, or energy storage technology manufactured in the United States.	Electricity Generation	Not listed
Energy Generation and Energy Storage Facilities	Energy Community Tax Credit Bonus	Federal	Tax Incentive	U.S. Internal Revenue Service	Additional credit on top of the PTC or ITC is available for clean electricity projects, facilities, and technologies in energy communities. The increase is generally 10% for the PTC and 2 percentage points for the ITC.	Zero-GHG Emitting Technology, Electricity Generation from Non-GHG Emitting Source	Not listed
Clean Energy Technologies	Prevailing Wage and Apprenticeship Requirements	Federal	Tax Incentive	U.S. Internal Revenue Service	Bonus credit or deduction worth up to 5 times the base amount for clean electricity projects, facilities, and technologies that meet prevailing wage and apprenticeship requirements. Bonus credit applies to the Alternative Fuel Refueling Property credit, the PTC, ITC, the Energy-Efficient Commercial Buildings Deduction, and other programs.	Prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Direct Current Fast Charging (DCFC) Equipment	Direct Current (DC) Fast Charging Plazas Program	State	Grant	Colorado Energy Office	The Colorado Energy Office supports initiatives to ensure access to electric vehicle charging stations in Colorado. CEO developed the Direct Current Fast-Charging (DCFC) Plazas program in partnership with the Colorado Department of Transportation (CDOT) to increase access to high-speed charging in communities and along highway corridors throughout the state. The DCFC Plazas program is funded through the National Electric Vehicle Infrastructure (NEVI) program and the Community Access Enterprise (CAE). Sites incorporating Battery Energy Storage Systems (BESS) are eligible for an additional \$25,000 per site where merited for battery integrated storage. Standalone battery storage systems are eligible for up to an additional \$45,000.	EV Charger and Related Equipment Costs, Installation, Labor, Other Site Upgrades	Latest application round ended September 20, 2024.
Fuel Cell, Solar Systems, Geothermal, Small Wind, Energy Storage, Biogas, Microgrid Controllers, Combined Heat and Power (CHP) Properties	Investment Tax Credit for Energy Property	Federal	Tax Incentive	U.S. Internal Revenue Service	Tax credit for investments made in renewable energy projects. The base credit amount is 6 percent but can increase to 30 percent if wage and apprenticeship requirements are met. Bonus credits are also available. Facilities must be placed in service before the end of 2024. Facilities placed in service in 2025 or later are eligible for the Clean Electricity Investment Tax Credit.	Reduces the federal income tax liability for a percentage of the cost of a qualified system installed during the tax year.	Facilities must be placed in service before January 1, 2025.
Fuel Cell, Solar, Geothermal, Small Wind, Energy Storage, Biogas, Microgrid Controllers,	Modified Accelerated Cost-Recovery System (MACRS)	Federal	Tax Incentive	U.S. Internal Revenue Service	The MACRS tax deduction helps companies recover the cost of quickly depreciating assets over their useful life. The Inflation Reduction Act allows some clean energy facilities, property, and technology to qualify for MACRS. The tax credit only applies to facilities, property, and technology placed in service after December 31, 2024.	Property Depreciation Costs	Annual tax filing deadline

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Combined Heat & Power (CHP)							

Other (e.g. Geothermal)

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Solar Systems, Combined Heat and Power (CHP), Geothermal Heat Pumps	USDA - Rural Energy for America Program (REAP) Grant	Federal	Grant	U.S. Department of Agriculture	The REAP program provides grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements. Grants cover up to 50% of costs for zero-emissions renewable projects, \$1 million for renewable energy systems, \$500,000 for energy efficiency projects	Total Project Costs	2025 deadlines have not been released yet.
Energy Generation and Energy Storage Facilities	Clean Electricity Investment Tax Credit (ITC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The Clean Electricity Investment Tax Credit replaces the current Investment Tax Credit for Energy Property in 2025. This is a technology-neutral tax credit, meaning it applies to all generation facilities and energy storage systems that have an anticipated greenhouse gas emissions rate of zero. The base credit amount is 6 percent, but can increase to 30 percent if wage and apprenticeship requirements are met.	Capital Costs	Regular annual tax deadlines. The program sunsets in 2032.
Energy Generation and Energy Storage Facilities	Domestic Content Bonus Credit	Federal	Tax Incentive	U.S. Internal Revenue Service	Increases the PTC by 10 percent and the ITC by up to 2 percentage points if the domestic content requirement is satisfied if the taxpayer can certify a certain percentage of the steel, iron, or other manufactured components used to build their facility, energy project, or energy storage technology manufactured in the United States.	Electricity Generation	Not listed
Energy Generation and Energy Storage Facilities	Energy Community Tax Credit Bonus	Federal	Tax Incentive	U.S. Internal Revenue Service	Additional credit on top of the PTC or ITC is available for clean electricity projects, facilities, and technologies in energy communities. The increase is generally 10% for the PTC and 2 percentage points for the ITC.	Zero-GHG Emitting Technology, Electricity Generation from Non-GHG Emitting Source	Not listed

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Clean Energy Technologies	Prevailing Wage and Apprenticeship Requirements	Federal	Tax Incentive	U.S. Internal Revenue Service	Bonus credit or deduction worth up to 5 times the base amount for clean electricity projects, facilities, and technologies that meet prevailing wage and apprenticeship requirements. Bonus credit applies to the Alternative Fuel Refueling Property credit, the PTC, ITC, the Energy-Efficient Commercial Buildings Deduction, and other programs.	Prevailing wage and apprenticeship requirements under the Inflation Reduction Act of 2022	Not listed
Energy Generation Technologies	Clean Electricity Production Tax Credit (PTC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The Clean Electricity Production Tax Credit replaces the Renewable Electricity Production Tax Credit (PTC) in 2025. This is a technology neutral credit, meaning it applies to any zero-greenhouse-gas-emitting technology that generates electricity placed in service after December 31, 2021. The tax credit applies to the electricity generated from a qualifying system during its first 10 years operation. The base credit amount is 0.3 cents per Kilowatt-hour but can increase up to 1.5 cent if wage and apprenticeship requirements are met. Bonus credits are also available.	Solar and Geothermal System Electricity Generation	Regular annual tax deadlines. The program sunsets in 2032.
Energy Generation Technologies	Renewable Electricity Production Tax Credit (PTC)	Federal	Tax Incentive	U.S. Internal Revenue Service	The production tax credit is a per kilowatt-hour tax credit for electricity generated by solar and other qualifying technologies for the first 10 years of system operation and is adjusted annually for inflation.	Solar and Geothermal System Electricity Generation	Beginning construction before January 1st 2025.
Geothermal Energy Systems	Colorado Geothermal Energy Production Tax Credit Offering	State	Tax Incentive	Colorado Energy Office	Refundable tax credit offering \$0.03 per kWh of electricity generated from geothermal energy. Applicants may receive up to \$1 million per entity per year. To qualify, facilities must be placed in service between January 1, 2024 and before January 1, 2033.	Electricity Generation	Semi-annual application cycles closing June 30 and December 31st each year. Program is available until funding is expended

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
							or until December 31, 2032.
Geothermal Energy Systems	Colorado Geothermal Energy Investment Tax Credit Offering	State	Tax Incentive	Colorado Energy Office	The tax credit offsetting up to 50% of the investment costs for developing a geothermal energy project for electricity generation or a thermal energy network. Each project can receive a maximum of \$5 million. Eligible expenses include those related to well exploration and development, flow testing, reservoir engineering, power generation equipment, and the construction and installation of a thermal energy network, among other investment costs.	Investment Costs	Semi-annual application cycles closing June 30 and December 31st each year. Program is available until funding is expended or until December 31, 2032.
Geothermal Energy Systems	Colorado's Geothermal Energy Grant Program	State	Grant	Colorado Energy Office	Colorado's Geothermal Energy Grant Program provides grant funding to public and private sector entities to support the development and use of geothermal energy in Colorado.	Equipment, Materials, Installation, Labor	Round 2 closes January 3, 2025. Program open until funds run out.
Fuel Cell, Solar Systems, Geothermal, Small Wind, Energy Storage, Biogas, Microgrid Controllers,	Investment Tax Credit for Energy Property	Federal	Tax Incentive	U.S. Internal Revenue Service	Tax credit for investments made in renewable energy projects. The base credit amount is 6 percent but can increase to 30 percent if wage and apprenticeship requirements are met. Bonus credits are also available. Facilities must be placed in service before the end of 2024. Facilities placed in service in 2025 or later are eligible for the Clean Electricity Investment Tax Credit.	Reduces the federal income tax liability for a percentage of the cost of a qualified system installed during the tax year.	Facilities must be placed in service before January 1, 2025.

Technology Incentivized	Offering Name	Incentive Area	Incentive Type	Administrator	Description	Cost Incentivized	Upcoming Deadlines
Combined Heat and Power (CHP) Properties							
Fuel Cell, Solar, Geothermal, Small Wind, Energy Storage, Biogas, Microgrid Controllers, Combined Heat & Power (CHP)	Modified Accelerated Cost-Recovery System (MACRS)	Federal	Tax Incentive	U.S. Internal Revenue Service	The MACRS tax deduction helps companies recover the cost of quickly depreciating assets over their useful life. The Inflation Reduction Act allows some clean energy facilities, property, and technology to qualify for MACRS. The tax credit only applies to facilities, property, and technology placed in service after December 31, 2024.	Property Depreciation Costs	Annual tax filing deadline

Other (e.g. Geothermal)

Additional clean energy transition support

Audits

- [USDA - Rural Energy for America Program \(REAP\) Energy Audit and Renewable Energy Development Assistance \(EA/REDA\) Program](#)

The Renewable Energy for America Program (REAP) Energy Audit and Renewable Energy Development Assistance Program (EA/REDA) provides assistance to agricultural producers and rural small businesses for energy audits and renewable energy technical assistance including renewable energy site assessments.

Loans & Financing

- [USDA - Rural Energy for America Program \(REAP\) Loan Guarantees](#)

This loan program pairs with the REAP Grant program documented in the above matrix. The REAP loan program offers loan guarantees up to \$25 million.

- [Colorado Commercial Property Assessed Clean Energy \(C-PACE\)](#)

C-PACE enables owners of eligible commercial and industrial buildings to finance up to 100% of energy efficiency, renewable energy and water conservation eligible improvements. Financing is provided by private capital providers at competitive rates with repayment terms up to 25 years.

- [Boulder County - Elevations Energy Loans](#)

The Elevations Energy Loan can be used to finance a wide variety of efficiency and renewable energy projects in homes and businesses. Homes and businesses located in Boulder County or the City and County of Denver are eligible for low-cost financing. Loan applicants receive assistance from an Energy Advisor through EnergySmart.

- [The Green Colorado Credit Reserve \(GCCR\)](#)

A loan loss reserve that was created by the Colorado Energy Office (CEO) to incentivize private lenders throughout Colorado to make small commercial loans up to \$100,000 for capital improvements that promote energy efficiency and renewable energy. The GCCR is administered by the Colorado Housing Finance Authority (CHFA) on behalf of the CEO.

- [U.S. Department of Energy - Loan Guarantee Program](#)

DOE is authorized to issue loan guarantees for projects with high technology risks that "avoid, reduce or sequester air pollutants or anthropogenic emissions of greenhouse gases; and employ new or significantly improved technologies as compared to commercial technologies in service in the United States at the time the guarantee is issued." Loan guarantees are intended to encourage early commercial use of new or significantly improved technologies in energy projects.

Incentives for Retail Energy Suppliers

- [USDA - High Energy Cost Grant Program](#)

Assists energy providers and other eligible entities in lowering energy costs for families and individuals in communities with extremely high per-household energy costs.

- [Colorado Advanced Power Grid Monitoring Grant Program](#)

Program designed to help electric utilities fund critical grid monitoring and resilience projects.

- [Grid Hardening for Small and Rural Communities Grant Program](#)

The Colorado Grid Hardening for Small and Rural Communities Grant Program will support rural electric cooperatives and municipal utilities in funding critical power grid hardening projects.

Community Funding: Community-scale projects for governments and public organizations

- [Community Accelerated Mobility Project \(CAMP\)](#)

Grant funding for community-led e-mobility projects. The Community Access Enterprise (CAE), in partnership with the Colorado Energy Office (CEO), requests grant applications for community-led mobility programs. To receive funding, proposed programs must meet unique community needs and include an electric mobility (“e-mobility”) component(s).

- [Community Electric Bicycle Grants](#)

Funding to support e-bike deployment across the state.

- [Microgrids for Community Resilience Program](#)

All utilities, local governments, and public/non-profit community anchor institutions serving Colorado communities are eligible to apply for the construction/implementation funding through the MCR Program. All proposed microgrid projects must center around strengthening resilience to community-based anchor institutions and/or essential infrastructure.

- [High Efficiency Electric Heating and Appliances Grant Program](#)

Supports community efforts to switch to high efficiency electric heat and appliances. To qualify as a community-scale project, the project must serve at least five homes or housing units, or at least three businesses or building units.

- [Charging and Fueling Infrastructure Discretionary Grant Program](#)

Grant targeted at public charging, deployed by public entities.