

Portland Clean Energy Fund

Commercial Guidelines & Eligible Measures v1.0

Document Overview

The Portland Clean Energy Community Benefits Fund (PCEF) invests in climate action projects, in alignment with the City's climate action goals, that support environmental justice and environmental, social, and economic benefits for all Portlanders. This document is a resource for commercial projects, outlining project requirements, quality assurance processes, and measures that are eligible for PCEF funding.

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This document is intended for the following audiences:

- Prospective grantees looking to learn more about PCEF requirements and process.
- Active grantees and their contractors looking for guidance on their projects.
- Program staff at City bureaus dispersing PCEF funds.

If you have questions, please contact cleanenergy@portlandoregon.gov, or reach out to your grant manager.

Revised April 25, 2025.



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Program Framework

Measure Requirements

- For retrofit projects, Grantee's entire energy efficiency and renewable energy (EE/RE) construction budget or annual EE/RE construction budget, if a multi-year grant, may achieve a maximum 70/30 split of energy and non-energy measures. Individual projects may reach but not exceed a 60/40 split. The 30% non-energy allowance is intended to first cover required upgrades that enable or improve EE/RE measures. Once that has been satisfied, funds remaining in the 30% may be used for other life/health/safety measures needed in the building. The 70% EE/RE measures must appear on the eligible measures list or be program approved.
- For new construction projects, 100% of the PCEF-funded construction costs must be for energy measures. The 70/30 split allowance is only for retrofit projects.
- At a minimum, any EE/RE measure not specifically identified here must increase energy efficiency by at least 10% over the replaced equipment or existing conditions. When cooling is added to HVAC systems, this applies to the heating efficiency components.
- Program approval is required for the installation of non-electric equipment and/or for switching from a ducted to a non-ducted heating system.
- PCEF will not fund the following measures unless installed in combination with other measures: windows, doors, lighting and appliances.

Quality Assurance Process

1. PCEF Eligible Measures are for use as one part of the PCEF process, by PCEF grantees and contractors.
2. PCEF assigned QA Provider will work as a partner from your project initiation through completion to help guide your project through the PCEF eligibility process. It is crucial to include your QA Provider early and often in your design and development.
3. For each project site, grantee and contractor will be required to submit a scope of work for PCEF-funded measures that demonstrate the proposed project will meet the requirements according to industry best practices and manufacturer specifications.
4. Scope of work may include (but is not limited to) the following:
 - a) Building description, including number of floors, units, configuration and use.
 - b) Bid or contractor proposal for planned clean energy upgrades including weatherization, HVAC upgrades, plumbing, venting, and electrification.
 - c) Material specifications including quantity, manufacturer, model numbers, etc.
 - d) Additional documentation as requested.
5. QA Provider will work closely with the grantee and contractor to ensure the scope will meet PCEF requirements prior to installation. Grantees and contractors should not install clean energy measures prior to written approval of the scope of work by PCEF or the QA Provider.
6. QA Provider will conduct site inspections or visual or virtual inspections as required to ensure installation meets PCEF requirements.
7. QA Provider will provide grantee and PCEF a final Quality Assurance report of the installation.



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Prescriptive Energy Efficiency Measures

The following measures are common prescriptive measures that are eligible for PCEF funding. Prescriptive measures, also referred to as 'deemed' measures, have established savings and funding values that fit a specific product or practice.

Note that when a measure is flagged with an asterisk, PCEF may make an exception for exceeding 30% and when portfolio is balanced to maintain 70/30 split.

If a potential project cannot be found in the 'Prescriptive Measures' list below, it can still be considered as a custom measure. Custom measures are usually larger and/or more complex, requiring their own analysis and review. Some common custom measures examples include, but are not limited to, control upgrades, larger variable speed motor retrofits and larger equipment replacements such as chillers. Control upgrades take advantage of energy efficient strategies such as scheduling, temperature and pressure reset strategies. These custom measure projects must be pre-qualified by PCEF to receive funding. Please contact PCEF to get started.

Heating, Ventilation and Air Conditioning (HVAC)

To ensure proper HVAC equipment sizing, evaluate and pursue all available weatherization upgrades prior to proposing HVAC upgrades.

HC1 Air-Cooled Variable Refrigerant Flow (VRF) Multi-Split Heat Pumps

- Must be installed in buildings used for retail, offices or school classrooms
- Must install dedicated outdoor air supply (DOAS) with energy recovery meeting at least 50% enthalpy recovery efficiency.
- Each condenser unit must serve multiple ductless indoor evaporator units and must have a rated cooling capacity over 5 tons with variable speed compressor operation.
- DOAS air must be supplied at a neutral space temperature.
- Must meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels
- The majority of indoor unit fans must be set to cycle rather than run continuously during occupied hours.



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HC2 Demand Controlled Kitchen Ventilation

- Demand controlled kitchen ventilation system that uses variable speed motors for makeup air and exhaust air.
- System includes a make-up air unit (MAU) that conditions outdoor air, hood exhaust and automated controls.
- System should have a programmable controller with scheduling and heat sensing capabilities.
- System automatically varies fan speed based on cooling load and/or time of day.
- Both the make-up air and hood exhaust fans should use variable speed motors.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Make-up air unit with variable speed fan motor.• Hood exhaust system with variable speed fan motor(s).• Controller, thermostats and/or sensors.• Electrical conduit, electrical panel, control wiring.	<ul style="list-style-type: none">• Ductwork• Curbs for new equipment

HC3 Destratification Fan

- Fans should be High-Volume, Low-Speed (HVLS) fans.
- Installed fans should have a ceiling fan energy index (CFEI) greater than or equal to
 - 1.00 at high speed; and
 - 1.31 at 40% speed or the nearest speed that is not less than 40% speed.
- Minimum ceiling height where HVLS fan is installed must be 20 feet.

HC4 Ductless Heat Pumps

- Follow manufacturer's installation instructions and local building code requirements.
- Choose inverter-driven, variable-speed heat pumps, sized with a heat load calculation for the area served.
- Perform and document a load calculation. Match the system capacity to the heat load calculation as closely as possible.
- Heat load calculation provided to PCEF is to reflect actual zone surface areas and insulation levels.
- HVAC sizing tool: <https://hvac.betterbuiltNW.com/>
- Controls must be set with an auxiliary heat lockout setting when available.
- Plan to install system on a dedicated electrical circuit.
- Plan to install power disconnect and service outlet to code.
- Where possible, decommission existing electric resistance or gas heating system.
- If adding heat pump coil to an existing gas furnace – contact PCEF administrator or QA provider.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Outdoor Unit equipment.• Indoor Unit equipment.• Refrigerant and piping.• Thermostats and/or controllers.• Electrical, including Panel/Service upgrades as required for installation of system selected when fuel switching.*	<ul style="list-style-type: none">• Demolition and decommissioning of existing system.



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HC5 Ducted Heat Pumps

- Follow the manufacturer's installation instructions and local building code requirements.
- Perform and document a load calculation. Match the system capacity to the calculation as closely as possible.
- Heat load calculation provided to PCEF is to reflect actual zone surface areas and insulation levels.
- HVAC Sizing Tool: <https://hvac.betterbuiltnw.com/>
- Plan to install system on a dedicated electrical circuit.
- Plan to install power disconnect and service outlet to code.
- Where a new thermostat location is provided, it shall be located on an interior wall away from heating or cooling registers, appliances, lighting fixtures, exterior doors, skylights, windows and areas that receive direct sunlight or drafts.
- A room-to-room pressurization test is recommended. IF a room pressure exceeds 3Pa or more, remediation measures such as a door undercut, transfer grille or dedicated return should be made.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Outdoor Unit equipment.• Indoor Unit equipment.• Ductwork.• Refrigerant and piping.• Thermostats and/or controllers.• Electrical, including Panel/Service upgrades as required for installation of system selected when fuel switching.*	<ul style="list-style-type: none">• Demolition and decommissioning of existing system.• Asbestos removal as required for HVAC replacement. (e.g., material attached to components being replaced*)

HC6 Energy Recovery or Heat Recovery Ventilator (ERV/HRV)

- Minimum sensible heat recovery effectiveness (SRE) of 68%.
- Commissioning required.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Re-routing of existing ductwork for ganged exhaust.• New ductwork and associated diffusers.• Testing and balancing.	<ul style="list-style-type: none">• Curb adapters.

HC7 HVAC Controls or Smart Thermostats

- Smart thermostats and/or central controls save energy by optimizing fan mode scheduling and temperature setbacks during unoccupied hours.
- At a minimum the thermostat should have the ability for daily scheduling with temperature setpoints.
- Placement of thermostats in the conditioned space should be considered when installing thermostat.
- Primary savings are a reduction in heating load and fan energy reduction, with slight cooling savings.
- Use heat pump proprietary control system where appropriate.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Smart thermostats.• Control wiring, electrical.	<ul style="list-style-type: none">• Relocation of thermostats as needed including demolition, construction, drywall.



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HC8 Rooftop Unit (RTU) with Controls

- Applicable to installations of new RTUs with DX cooling and heat pump heating.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Advanced digital controller.• Variable Frequency Drive (VFD) and motor.• Advanced controls for DCV and CO₂ sensors.• Additional sensors needed for control.	<ul style="list-style-type: none">• New curb adapter* to fit RTU onto existing roof penetration.• Removal and disposal of existing RTU.

HC9 Hydronic Heating Circulator Pump

- Pump motor must be Electronically Commutated Motor (ECM) with speed controls.
- Pump must be in-line circulator with horizontal motor and used for hydronic heating applications.
- Applicable to installations of multiple pumps in parallel.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Additional sensors needed for control.• Piping reconfiguration to adapt new pump to existing hydronic system.	<ul style="list-style-type: none">• Vibration isolation.

HC10 Packaged Terminal Heat Pump in Residential Care or Lodging

- Packaged Terminal Heat Pump has an AHRI certificate of rated performance.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Packaged terminal heat pump.• Electrical conduit.• Thermostats.• Condensate drain system.	<ul style="list-style-type: none">• N/A

HC11 Server Closet Mini Split A/C

- High-efficiency mini-split air conditioners or heat pumps providing cooling to server closets located within commercial buildings.
- Cooling efficiency must be greater than SEER 18 or SEER2 18
- Cooling capacity no greater than 4.5 tons per unit
- Only mini-split air conditioners or heat pumps are eligible. Other data room cooling systems, such as CRAC units) would be considered as a custom measure.



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HC12 Variable Frequency Drive (VFD) for Fans and Pumps

- Eligible as a retrofit on existing fans and pumps of any size
- Eligible if installed on new fan or pump with motor sizes as follows:
 - Chilled Water pumps < 7.5hp
 - Heating Water Pumps < 10hp
 - Fans < 5hp
- Motor must be inverter-duty rated

V1 Garage Ventilation Exhaust Controls

- Garage ventilation exhaust controls shall use CO sensors with variable speed control on ventilation fans in enclosed parking garages.

Lighting

L1 Lighting (Simple Lamp Retrofit)

- Replace existing screw in or pin based fluorescent lamp with LED fixture.

L2 Lighting (Linear LED Replacement)

- Replace existing linear lamp with LED fixture.

L3 Lighting (Common Area or Exterior Only)

- Replace existing light fixtures with LEDs.
- Must include occupancy sensors or control system.
- Must replace existing HID lighting.

L4 Lighting (Street Lights)

- Replace existing HID street light with LED.

L5 Lighting (High and Low Bay Luminaires)

- Replace existing high or low bay luminaires with LED.

L6 Lighting Controls

- Include wall mounted and wireless occupancy/vacancy sensors and Luminaire Level Lighting Controls (LLLCs)
- Occupancy and vacancy sensors detect motion within the sensor's boundary and control lighting levels with the coverage area. During unoccupied periods the controls turn off or reduce the lighting with stepped switching or continuous dimming.
- LLLC systems are a type of networked control system with integrated sensors and controllers in each luminaire that are wireless networked, enabling luminaire within the system to communicate with each other.



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L7 Refrigeration Case LED Lighting

- Retrofit must replace T8s or T12s and not replace existing LEDs.

Refrigeration

R1 Advanced Controls for Walk-ins

- Controller for walk-in cooler or freezers that save energy by reducing evaporator fan usage, compressor usage and defrost time.
- Evaporator fan should intermittently turn off based on coil and air temperature. Evaporator fans should turn on in lieu of compressor when applicable.
- Defrost controls should be demand based and occur independently of time and temperature.

R2 Anti-sweat Heater Controls

- Technology that reduces antisweat heater energy consumption based on space ambient dew point or glass door condensation.
- Existing anti-sweat controls must not be present prior to installation.

R3 Commercial Reach-In Refrigerators and Freezers

- New or replacement commercial reach-in refrigerators or freezers with [ENERGY STAR](#) v5.0 Compliance.
- Used or rebuilt equipment is not eligible.
- Sizes must be checked against ENERGY STAR requirements. Not all sizes are approved.

R4 Grocery Evaporator Fan Motors

- This only applies to retrofits of existing walk-in and reach-in refrigeration cases.

R5 Grocery Refrigeration Measures on Compressor Rack Systems

- Includes measures applicable to compressor rack systems found in medium to large grocery stores.
- Add variable frequency drive (VFD) to condenser fans. VFDs modulate the bank of fans based on refrigeration load. Savings are achieved by reducing fan speed during part load hours.
- Floating head pressure control (FHPC). Allows compressor discharge pressure to float depending on outdoor air temperature. Savings are achieved by reducing compressor power draw when outdoor air conditions allow a lower discharge pressure. The existing condenser fan may cycle or be VFD controlled.
- Floating suction pressure control (FSPC). Allows suction pressure to float up as the temperature setpoint in the refrigerated case is achieved. Savings are achieved by allowing the system to float and cycling the compressor off based on demand.
- Combined floating head and suction pressure control (FHPC + FSPC)



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R6 High Speed Doors for Walk-ins

- New high-speed doors equipped with or without air curtains and/or door heaters are eligible.
- Walk-in doorway must be at least 5 ft wide to be eligible.
- Retrofit measure applications apply to:
 - Walk-ins with existing, operational, non-high speed door infiltration barriers, including, but not limited to, strip curtains with at least 50% strip coverage remaining, spring-hinged doors, impact doors, or another method of minimizing infiltration when doors are open.
- Walk-in coolers or freezers 3,000 ft² or greater are not eligible but could be considered through the custom pathway.
- High temperature refrigerated spaces set above 50°F are not eligible.

R7 Refrigerated Cases with Doors

- Installation of new refrigerated cases with doors instead of open cases.
- Retrofits of open cases with doors also applies.
- Doors reduce ambient air filtration to the case, lowering the refrigeration load, while also lower the HVAC heating load.

Water Heating

WH1 Commercial Heat Pump Water Heaters

- Water Heater capacity must be rated between 40-120 gallons.
- Split system water or refrigerant lines connecting the tank and outdoor units must be insulated with minimum R-4.
- Heat pump water heater must meet minimum efficiency criteria outlined in NEEA Advanced Water Heater specifications.
- Unit must have a backup electric resistance heating element.
- Unit must replace existing electric resistance or natural gas water heater.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Electrical outlets or circuits, as needed for water heater installation.• Heat pump water heater cold exhaust ducting in conditioned space.• Condensate pump.• Thermostatic mixing valve.• Electrical panel replacement if replacing gas water heating.	<ul style="list-style-type: none">• Thermostatically controlled heat trace cable for outdoor water lines.



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WH2 Domestic Hot Water Recirculation Controls

- Only applies to HW loops that are heated by electric resistance water heaters.
- Applicable only in buildings >5 stories or dormitories with hot water recirculation loops
- Controls shall reduce water heating use and recirculation pump energy by turning off the recirculation pump during periods low usage.
- Acceptable control types are temperature, learning and combined temperature and timer control.
- Temperature control monitors the temperature in the DHW distribution piping, learning monitors usage and develops usage patterns, and combined controls use a timer and temperature sensor to control the DHW pump.
- Pump motor must be ECM.
- Both add-on and integral controls are acceptable.

WH3 Low Flow Fixtures

- Replace and install hot water fixtures (e.g., faucets, showerheads) that meet [WaterSense](#) standards.

WH4 Pool Covers

- Pool cover and reel on a heated indoor or outdoor pool used during unoccupied hours at a facility without a pre-existing cover.
- The cover must fit the entire surface of the pool.
- Liquid evaporation suppressants, solar disks, and mesh covers are ineligible.
- A storage reel is required and eligible for funding.
- Pool must be heated by either heat pump or electric resistance heat; Unheated pools are not eligible.

Weatherization

To ensure proper HVAC equipment sizing, evaluate and pursue all available weatherization upgrades prior to proposing HVAC upgrades.

W1 Roof or Attic Insulation

- Install R-30 or greater in a roof, R-25 or greater in an attic.
- Air seal all gaps, cracks, seams, and penetrations between conditioned and unconditioned space.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Carpentry for air leakage reduction (e.g., building stem walls between roof and plenum space)• Insulation removal due to mold or vermin as required for installation of attic insulation.• Access door rebuilding or access cover.	<ul style="list-style-type: none">• Roof replacement.• Sealing roof leaks to address attic water intrusion*• Storage platform – (raised to accommodate insulation installed to code R-values).• Asbestos mitigation.• Knob and tube wiring decommissioning as required for installation of attic insulation*.



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W2 Wall Insulation

- For Exterior Wall: R-25 or fill cavity, all heated exterior walls must be insulated.
- Buildings with vinyl, aluminum, asbestos or stucco siding/exterior, wall insulation should be installed from the interior.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Lead paint testing/Lead safe practices as required for Lead RRP License.• Siding removal for traditional wall insulation installation.• Re-installation of siding/new siding if removed siding breaks. Leave primed & paint ready.• Drywall hole patching/texturing/painting if wall installation is not feasible from exterior.• Carpentry needed for hatch door air sealing.• Insulation removal.• Air sealing.	<ul style="list-style-type: none">• Mitigating water leaks and water intrusion.• Dry rot repair.• Knob and tube decommissioning.• Siding replacement.

W3 Efficient Windows

- Replacement window must be [Northern Climate Energy Star](#) 0.26 U value or better.
- Replace single-pane or double-pane windows.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Dry rot repair as required for door or window replacement.	<ul style="list-style-type: none">• Installing new windows that are larger than the original size.

W4 Secondary Glazing System (SGS) Retrofit

- Glazing system must be permanently installed and non-operable
- New, post-retrofit windows shall be products classified as "Secondary Glazing Systems" by the Construction Specification Institute (CSI) or "Hi-R Low-E Window Retrofit Panels" by the General Service Administration (GSA).
- SGS shall have one or more low-E coatings, resulting in an overall solar heat gain coefficient (SHGCO_{Overall}) of 0.55 or less, as certified by the Attachments Energy Rating Council (AERC), or as simulated using the National Fenestration Rating Council (NRFRC) procedure 200.
- SGS shall have a center-of-glass U-factor (UCOG) less than or equal to 0.20 and an overall U-factor (U_{Overall}), including the full window frame, of less than or equal to 0.45, as certified by AERC, or as simulated using NFRC procedure 100.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• SGS frame and adhesive(s) as required.	<ul style="list-style-type: none">• Window cleaning/re-caulking to prep for SGS install.• Scaffolding.



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Other Eligible Measures

Renewables and Electric Vehicle Chargers

REV1 Rooftop Solar, with or without Battery Storage

- Renewables system purchases must be predominantly manufactured in the United States unless such a product is unavailable, or the cost is prohibitive.
- System design and installation must comply with [Energy Trust of Oregon Solar + Storage Design and Installation Requirements V21.0](#), excluding requirements for systems to be grid-tied and for projects to submit through the PowerClerk system. To receive funds from PCEF, projects do not need to participate in Energy Trust programs.
- Grantees should plan for other needed improvements (e.g., electrical panel upgrades, security measures, and/or fire containment walls) and propose these in their scope.
- Projects must secure building and electrical permits as required and obtain final approvals for these permits.
- If adding battery storage, projects must complete analysis to identify critical building loads to be served, the site areas the battery system will back up, and the capacity of the battery system.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
<ul style="list-style-type: none">• Electrical, including panel/service upgrades as required for installation of system selected.	<ul style="list-style-type: none">• Security measures to protect system from vandalism.• Structural upgrades as needed for a solar installation.• Roof replacement.

REV2 Level II Electric Vehicle Battery Charger

- New charger must be on one of the following lists:
 - ENERGY STAR Electric Vehicle Service Equipment (EVSE) [Version 1.2](#) or newer.
 - Portland General Electric qualified products list ([residential](#) | [commercial](#))
 - Pacific Power vetted products list ([residential](#) | [multifamily](#) | [commercial](#))
- PCEF encourages but does not require charger to be equipped with networking capabilities.
- PCEF encourages projects to incorporate ADA accessibility considerations for at least a portion of installed EVSEs.
- Charger must be 240V designed for electric vehicle charging and include a retractable cord.
- For EVSE in publicly accessible locations, PCEF encourages grantees to consider the following security measures: retractable cords, lights, cameras, fencing.
- EVSE must be fully installed and operational.



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PCEF Commercial Eligible Measure Appendix – Measures for special applications

Food Service

F1 Commercial Coffee Brewers

Must meet or exceed [ENERGY STAR v1.1](#) standards for commercial coffee brewers.

Batch commercial coffee brewers (Type II) with a standard brew volume of >24 to 384 fluid ounces per brew are only eligible.

F2 Commercial Dishwasher

Must meet or exceed [ENERGY STAR v3.0](#) standards.

Flight type dishwashers do not qualify.

Energy savings can be calculated compared to an ENERGY STAR v2.0 baseline.

F3 Commercial Fryer

High efficiency commercial electric fryers which meet or exceed [ENERGY STAR v3.0](#) standards.

Standard Vat, Electric Fryer Requirements: $\geq 85\%$ efficiency, Idle Energy Rate ≤ 700 W.

Large Vat, Electric Fryer Requirements: $> 88\%$ efficiency, Idle Energy Rate $< 1,000$ W.

F4 Commercial Griddles

High efficiency commercial electric griddles which meet or exceed [ENERGY STAR v1.2](#) standards.

Normalized idle energy rate of < 320 watts/ft²

F5 Commercial Hot Food Holding Cabinet

Must meet or exceed [ENERGY STAR v2.0](#) standards.

F6 Commercial Ice Maker

[ENERGY STAR v3.0](#) rated commercial batch and continuous air-cooled ice machines.

Ice-Making Head (IMH), Remote condensing unit (RCU) or Self-contained unit (SCU).

F7 Commercial Ovens

Must meet or exceed [ENERGY STAR v3.0](#) standards.

F8 Commercial Steam Cookers

High efficiency commercial electric steam cooker which exceeds [ENERGY STAR v1.2](#) standards by 40%.

F9 On-Demand Overwrappers

Overwrappers (also known as package sealers or hand-wrap machines) used in grocery stores to wrap and seal fresh food must use either a mechanical or optical control system.

F10 Commercial Broilers

Must be an automatic conveyor broiler with a catalyst and have either an input rate less than 80 kBtu/h, or a dual stage or modulating gas valve with a capability of throttling the input rate below 80 kBtu/h.

Commercial Laundry

CL1 Commercial Clothes Washers

Replace existing common area washers with MEF of 2.2 or greater and IWF of 4.0 or less.
Must be frontloading and used in common area only.

CL2 Ozone Laundry Systems

Each ozone generator may serve one or more washers.
All existing/new washers at the facility must be programmed to and connected to work with ozone laundry system.
Ozone laundry system(s) must transfer ozone into the water with either a venturi diffusion or bubble injection process.

Included in 70% EE/RE Cost	Included in 30% Non-Energy Costs (Not Exhaustive)
Ozone laundry generator and system Associated piping	Removal and recycling of existing laundry equipment.

Specialty Equipment

SE1 Lawn Equipment

Must be replacing gas powered lawn equipment.
Includes:
Edgers, string trimmers, hedge trimmers, chainsaws, pole saws and brush cutters
Leaf Blowers
Walk-behind mowers
Ride-on/Stand-ride motors
Additional batteries and chargers, up to (2) batteries and (1) charger per piece of equipment purchased.