PUBLIC SERVICE COMPANY OF OKLAHOMA
An AEP Company

POWER FORWARD℠

PSO Prescriptive Rebates – Kitchen & Refrigeration Equipment
Technical Requirements

Application Requirements

- A rebate application must be submit for pre-approval before purchasing and installing equipment, when the project includes a total estimated rebate of $5,000 or more.
- For projects that do not require pre-approval, a rebate application must be submitted within 60 days of the invoice date.
- All proposed equipment must be new. Used or refurbished equipment is not eligible for rebates.

Required Documentation:

- ☐ Customer signed Terms and Conditions
- ☐ Spec sheets of new equipment
- ☐ Itemized invoice, upon project completion

Submit the rebate application online: www.psobusinessrebates.com

Kitchen Equipment Rebates:

Commercial Dishwashers

- This upgrade involves the installation of an ENERGY STAR certified commercial dishwasher in a new construction or replacement-on-burnout application.
- Units must be listed in the ENERGY STAR Certified Commercial Dishwashers qualified product list (QPL).
- The rebate amount is based on the type of unit and sanitation method, as categorized by the ENERGY STAR QPL.

Commercial Dishwasher Rebates		
Upgrade	**Type**	**Rebate/Unit**
High Temperature-Electric Heater-Electric Booster-Commercial Dishwasher	Under Counter	$600
	Stationary Single Tank Door	$1,900
	Pots, Pans and Utensils	$600
	Single Tank Conveyor	$1,500
	Multiple Tank Conveyor	$4,000
High Temperature-Gas Heater-Electric Booster-Commercial Dishwasher	Under Counter	$400
	Stationary Single Tank Door	$600
	Pots, Pans and Utensils	$400
	Single Tank Conveyor	$800
	Multiple Tank Conveyor	$1,800
Low Temperature Commercial Dishwasher	Under Counter	$400
	Stationary Single Tank Door	$2,400
	Single Tank Conveyor	$2,400
	Multiple Tank Conveyor	$2,400

Electric Deep Fryers

- Fryers must have a tested heavy load (French fry for large vats) cooking energy efficiency of greater than 80%, utilizing American Society for Testing and Materials (ASTM) Standard F1361 for commercial fryers and ASTM Standard F2144 for large vat fryers.
- Multiple vat configurations are paid per qualifying vat. ENERGY STAR® maintains a list of qualifying products and specifications at energystar.gov.

Electric Deep Fryer Rebates	
Upgrade	**Rebate/Unit**
Open Deep Fat Fryer	$100
Large Vat Fryer	$150

Electric Insulated Holding Cabinets

- Insulated holding cabinets must meet or exceed CEE Tier 2 specifications and not exceed 20 watts per cubic foot idle energy use.
- Cook and hold food cabinets are eligible through the Custom application.

Electric Insulated Holding Cabinet Rebates	
Upgrade	**Rebate/Unit**
Full Size	$200
Three-Quarter Size	$150
Half Size	$100

Electric Ovens

- Ovens must meet ENERGY STAR specifications for energy efficiency.

Upgrade	Rebate/Unit
Electric Convection Oven	$200
Electric Combination Oven	$1,000

Electric Steam Cookers

- Steam cookers must meet ENERGY STAR specifications for energy efficiency.

Upgrade	Rebate/Unit
Electric Steam Cooker	$1,000

Ice Machines

- Ice machines must meet all requirements listed in the Version 2.0 ENERGY STAR Program Requirements for Commercial Ice Makers that are effective as of February 1, 2013.

Ice Machine Rebates		
Upgrade	**Type**	**Rebate/Unit**
Batch Ice Machine	Self-Contained Unit	$100
	Ice Making Head	$100
	Remote Condenser/Split System	$200
Continuous Ice Machine	Self-Contained Unit	$100
	Ice Making Head	$150
	Remote Condenser/Split System	$200

For more information, visit PowerForwardWithPSO.com, or call 888.776.1366.

Kitchen Vent Hood Controls

- This upgrade involves the installation of kitchen vent hood Demand Control Ventilation (DCV) that provide automated control over the ventilation system by modulating fan speed in response to the presence and level of cooking activity.

Upgrade	Rebate/Exhaust Fan HP
DCV Vent Hood Controls	$750

Refrigerators/Freezers

- Refrigeration systems shall be built-in (packaged).
- Cases with remote refrigeration systems do not qualify.
- Equipment must be CEE or ENERGY STAR certified for commercial refrigerators and freezers.

Refrigerator and Freezer Rebates		
Upgrade	**Size**	**Rebate/Unit**
Solid Door Reach-In Refrigerator	0-15 cubic feet	$40
	16-30 cubic feet	$60
	31-50 cubic feet	$80
	> 50 cubic feet	$100
Solid Door Reach-In Freezer	0-15 cubic feet	$80
	16-30 cubic feet	$120
	31-50 cubic feet	$160
	> 50 cubic feet	$200
Glass Door Reach-In Refrigerator	0-15 cubic feet	$40
	16-30 cubic feet	$60
	31-50 cubic feet	$80
	> 50 cubic feet	$100

Refrigeration Rebates:

Anti-Sweat Heat Controls

- Must install a device that senses the relative humidity in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions.
- Equivalent technologies that can reduce or turn off anti-sweat heater based on the amount of condensation formed on the inner glass pane may also qualify.
- Rebate not available for equipment on new walk-in freezers or coolers.

Anti-Sweat Heat Control Rebates	
Upgrade	**Rebate/Door**
Cooler Doors (Medium Temperature)	$100
Freezer Doors (Low Temperature)	$100

ECM Evaporator Fan Motor

- This upgrade applies to the replacement of an existing standard efficiency shaded-pole evaporator (S-P) or permanent split capacitor (PSC) fan motor in refrigerated walk-in or reach-in boxes (coolers or freezers).
- The replacement unit must be an Electronically Commutated Motor (ECM): An ECM is a brushless DC motor with an electronically controlled commutator that allows the motor to operate more efficiently than the shaded-pole motors with an electro-mechanical commutator typically used in refrigeration applications.
- This upgrade cannot be used in conjunction with the Evaporator Fan Controller upgrade.
- Rebate not available for equipment on new walk-in freezers or coolers.

ECM Evaporator Fan Motor Rebates	
Upgrade	**Rebate/Motor**
Walk-In Cooler or Freezer	$80
Display Cooler or Freezer	$80

Evaporator Fan Controller on Existing Shaded-Pole Motor

- Must reduce airflow of evaporator fans in medium-temperature walk-in coolers when compressor(s) cycle off and there is no refrigerant flow through the evaporator.
- Must control a minimum fan load of 1/20 horsepower where the fan(s) operate continuously at full speed.
- Must reduce fan motor power by at least 75% during the compressor off-cycle.
- Do not use if any of the following conditions apply:
  - The compressor runs all the time with high-duty cycle;
  - The evaporator fan does not run at full speed all the time;
  - The evaporator fan motor runs on poly-phase power;
  - The evaporator fan motor is not shaded-pole; or
  - The evaporator does not use off-cycle or time-off defrost.
- Rebate not available for equipment on new walk-in freezers or coolers.

Upgrade	Rebate/Motor
Evaporator Fan Controller on Existing Shaded-Pole Motor	$70

Gaskets (Door)

- Must install new gaskets on cooler or freezer doors that requires replacement.
- Existing photographs should be submitted along with application to demonstrate the requirement.
- The invoice must show the linear feet of gasket that is damaged and the total linear feet of gasket replaced. For example, if a 2-foot section is damaged and the customer has to replace 5 feet to match the design and color, the invoice must list both 2 feet of damaged gasket and 5 feet total replaced.
- Rebate is based on the total linear feet of gasket replaced.
- Rebate not available for equipment on new cooler or freezers.

Gasket Rebates	
Upgrade	**Rebate/Linear Foot**
Cooler Gasket	$4
Freezer Gasket	$4

Night Covers

- This upgrade documents the energy savings associated with the installation of night covers on existing open-type refrigerated display cases, where covers are deployed during the facility's unoccupied hours in order to reduce refrigeration energy consumption.
- The air temperature is below 10 °F for low-temperature display cases, between 10 °F to 35 °F for medium-temperature display cases.
- It is recommended that these covers have small, perforated holes to decrease moisture buildup.
- Rebate not available for equipment on new refrigerated cases.

Upgrade	Rebate/Foot
Night Covers	$15

Reach-In Door Closers

- The auto-closer device should be applied to the glass reach-in door or a walk-in cooler (40°F) or freezer (0°F). The reach-in door must have a minimum perimeter of 16 feet.
- The auto-closer must be able to firmly close the door.
- Rebate not available for equipment on new freezers or coolers.

Reach-In Door Closer Rebates	
Upgrade	**Rebate/Door**
Cooler Doors	$75
Freezer Doors	$75

Refrigeration Suction Pipe Insulation

- Must insulate bare refrigeration suction lines 1-5/8 inches in diameter or less on existing equipment only.
- Medium temperature lines require 3/4 inch of flexible, closed-cell, nitrite rubber or an equivalent insulation.
- Low temperature lines require 1-inch of insulation that is in compliance with the specifications above.
- Insulation exposed to the outdoors must be protected from the weather (i.e. jacketed with a medium-gauge aluminum jacket).

Upgrade	Rebate/Foot
Low Temperature Walk-in Freezer	$1
Medium Temperature Walk-in Cooler	$1

Strip Curtains

- The baseline standard for this upgrade is a walk-in cooler or freezer that previously had either no strip curtain installed or an ineffective strip curtain installed.
- The efficiency standard for this upgrade is a strip curtain added to a walk-in cooler or freezer.
- Strip curtains must be at least 0.06 inches thick. Low temperature strip curtains must be used for low temperature applications.
- Rebate not available for equipment on new walk-in freezers or coolers.

Upgrade	Rebate/Square Foot
Strip Curtains	$10

VSD Refrigeration Compressor Controls

- VSD control system replacing the slide valve control system.
- 0.445 ton per HP.

Upgrade	Rebate/Ton
Refrigeration Compressor VSD Controls	$300

Zero Energy Door

- The baseline standard for this upgrade is a standard vertical reach-in refrigerated cooler or freezer with anti-sweat heaters on the glass surface of the doors.
- The efficiency standard for this upgrade is a reach-in refrigerated cooler or freezer with special doors installed to eliminate the need for anti-sweat heaters. Doors must have either heat reflective treated glass, be gas-filled or both.

Zero Energy Door Rebates	
Space Temperature	**Rebate/Door**
Low temperature (<25°F)	$300
Medium temperature (25-40°F)	$200
High temperature (41- 65°F)	$200