Refrigeration and Commercial Kitchen Rebate Worksheet

APPALACHIAN POWER
An AEP Company

TAKE CHARGE™

Before you start

Instructions: Complete all relevant information for your project. Include with completed final application package.

All rebates are paid per unit based on energy savings and are capped at 30 percent of the project's total cost.

Questions? Call 888-261-4567

Submit your application

The following documents must accompany the Refrigeration Rebate Worksheet in a complete application:

- Rebate application
- Equipment spec sheet
- Itemized invoice showing model number
- W9 for payee
- Copy of most recent electric bill

1 Project Information

☐ Retrofit

ZIP (project location):	Estimated/Actual Install Date:

2 Building Type

- ☐ Assembly
- ☐ Auto-Related
- ☐ Convenience Store
- ☐ Data Center
- ☐ Education - Community College
- ☐ Education - Primary School
- ☐ Education - University
- ☐ Education - Secondary School
- ☐ Grocery
- ☐ Gymnasium
- ☐ Health/Medical - Hospital
- ☐ Health/Medical - Nursing Home
- ☐ Industrial/Manufacturing - 1-Shift
- ☐ Industrial/Manufacturing - 2-Shift
- ☐ Industrial/Manufacturing - 3-Shift
- ☐ Industrial/Manufacturing - Biotech/Hi-Tech
- ☐ Institutional/Public Service
- ☐ Lodging - Hotel
- ☐ Lodging - Motel
- ☐ Multi-Family (Common Areas)
- ☐ Museum/Library
- ☐ Office - Large
- ☐ Office - Small
- ☐ Religious Worship/Church
- ☐ Restaurant - Fast Food
- ☐ Restaurant - Sit-Down
- ☐ Retail - Multi-Story Large
- ☐ Retail - Single-Story Large
- ☐ Retail - Small
- ☐ Storage - Conditioned
- ☐ Warehouse
- ☐ Warehouse - Refrigerated

3 Trade Ally/Contractor Information

Business Name:		
Contact Name:	Phone:	
Business Address:		
City:	State:	ZIP:

4 Anti-Sweat Heater Controls

Date Installed	Case Reference ID	Number of Doors	Refrigeration Type	Door Heater Control Type	Manufacturer	Model #	Cost
			☐ Cooler ☐ Freezer	☐ On/Off Controls ☐ Micropulse Controls			
			☐ Cooler ☐ Freezer	☐ On/Off Controls ☐ Micropulse Controls			

5 High-Efficiency Evaporator Fan Motors for Refrigerated Cases

Date Installed	Quantity Installed	Motor Size	Refrigeration Type	Manufacturer	Model #	Cost
		☐ 1 to 14 W ☐ 16 to 23 W (1/40 hp) ☐ 37 W (1/20 hp) ☐ 49 W (1/15 hp)	☐ Cooler ☐ Freezer			
		☐ 1 to 14 W ☐ 16 to 23 W (1/40 hp) ☐ 37 W (1/20 hp) ☐ 49 W (1/15 hp)	☐ Cooler ☐ Freezer			

Complete a separate line for each type/size of motor. Photo documentation required for all shaded pole motor replacements.

6 High-Efficiency Evaporator Fan Motors for Walk-in Refrigerated Cases

Date Installed	Quantity Installed	Replaced Equipment	Motor Size	Refrigeration Type	Manufacturer	Model #	Cost
		Shaded Pole ☐ Yes ☐ No	☐ 1–14 W ☐ 1/40 HP (16–23 W) ☐ 1/20 HP (37 W) ☐ 1/15 HP (49 W)	☐ Cooler ☐ Freezer			
		Shaded Pole ☐ Yes ☐ No	☐ 1–14 Watt ☐ 1/40 HP (16–23 W) ☐ 1/20 HP (37 W) ☐ 1/15 HP (49 W)	☐ Cooler ☐ Freezer			

Complete a separate line for each type/size of motor. Photo documentation required for all shaded pole motor replacements.

7 Auto Closers for Walk-In Cooler/Freezer Doors

Date Installed	Quantity Installed	Manufacturer	Model #	Refrigeration Type	Cost
				☐ Cooler ☐ Freezer	
				☐ Cooler ☐ Freezer	

8 High-Efficiency Refrigeration/Freezer Cases

Date Installed	Quantity Installed	Manufacturer	Model #	Refrigeration Type	# Door Type	Volume (cu. ft.)	Cost
				☐ Freezer ☐ Cooler	☐ Vertical - Transparent ☐ Vertical - Solid		
				☐ Freezer ☐ Cooler	☐ Vertical - Transparent ☐ Vertical - Solid		

9 Refrigerated Vending Machines

ENERGY STAR Certified?	Date Installed	Quantity Installed	Manufacturer	Model #	Can Capacity of Beverage Vending Machine	Cost
☐ Yes ☐ No						
☐ Yes ☐ No						

10 Low-Flow Pre-Rinse Sprayer

Facility Type	Is Hot Water Electric?	Date Installed	Quantity Installed	Manufacturer	Model #	Cost
☐ Full-Service Restaurant ☐ Grocery ☐ Fast Food Restaurant ☐ Other	☐ Yes ☐ No					
☐ Full-Service Restaurant ☐ Grocery ☐ Fast Food Restaurant ☐ Other	☐ Yes ☐ No					

Refrigeration and Commercial Kitchen Rebate Worksheet Appendix

Anti-Sweat Heater Controls

Measure Description: Anti-sweat heater (ASH) controls sense humidity outside of reach-in, glass door refrigerated cases and turn off electric anti-sweat door heaters during periods of low humidity, when condensation would be unlikely.

How It Saves Energy: Without controls, anti-sweat heaters run continuously regardless of the potential for condensation. Savings are realized from the reduction in hours of operation for the electric heater and from reduced heat gain into the refrigeration unit.

Eligibility: To be eligible, ASH controls must be retrofit on reach-in glass door refrigerators with uncontrolled anti-sweat heaters.

High-Efficiency Evaporator Fan Motors for Reach-In/Walk-In Refrigerated Cases

Measure Description: This measure refers to the replacement of existing shaded pole evaporator fan motors or permanent split capacitor (PSC) motors in reach-in refrigerated display cases with electronically commutated motors (ECMs).

How It Saves Energy: ECMs below 1 HP are more efficient than permanent split capacitor (PSC) or shaded pole (SP) motors of similar size, meaning they produce the same airflow at a lower power input. ECMs also result in less waste heat added to the refrigerated case that must be subsequently cooled by the refrigeration system.

Eligibility: This measure applies only to the replacement of functioning equipment.

Auto Closers for Walk-In Cooler/ Freezer Doors

Measure Description: This measure applies to the installation of auto closers on walk-in cooler and freezer doors.

How It Saves Energy: Auto closers can reduce the amount of time that doors are left ajar, thereby reducing infiltration and refrigeration loads.

Eligibility: An auto closer should be applied to the main insulated opaque door(s) of a walk-in cooler or freezer. This measure applies only to the new installation of an auto closer or on a door with strip curtains. The auto closer must be able to firmly close a door that is within one inch of full closure. Door perimeter must measure 16 ft. or more.

High-Efficiency Refrigeration/Freezer Cases

Measure Description: This measure applies to the installation of high-efficiency refrigeration and freezer cases that exceed minimum federal efficiency standards.

How it Saves Energy: Equipment exceeding minimum standards for energy efficiency use less energy to produce the same amount of cooling.

Eligibility: To be eligible, refrigerators and freezers must be self-contained and have vertically closed glass or solid doors. This measure applies only to new construction or equipment replacing refrigerator cases that have failed or that will fail imminently.

Refrigerated Vending Machines

Measure Description: ENERGY STAR vending machines use advanced controls to shut off lights and refrigeration compressors during times when business are closed or occupancy is low.

How It Saves Energy: Control systems reduce energy consumption by shutting off lights and refrigeration compressors during times of lower customer sales, while maintaining the appropriate temperature. Typical control systems contain a passive infrared occupancy sensor to shut down the machine after a period of inactivity in the area, while controlling the compressor to power on at intervals sufficient to maintain beverage temperature and long enough to prevent excessive wear and tear on the refrigeration components.

Eligibility: Applicable equipment is any beverage machine containing refrigerated, non-perishable beverages.

Low-Flow Pre-Rinse Sprayer

Measure Description: This measure applies to the installation of efficient low-flow pre-rinse sprayers in grocery and food service dishwashing applications.

How It Saves Energy: Low-flow pre-rinse sprayers reduce hot water usage and save water heating energy consumption.

Eligibility: Water must be heated electrically. Replacement pre-rinse spray nozzles must use less than 1.6 gallons per minute and have a clean ability performance of 26 seconds per plate or less, based on the ASTM Standard Test Method for Performance of Pre-Rinse Spray Valves.