

# Commercial & Industrial Energy Efficiency Retrofits - Food Service Equipment Worksheet (Oregon)



## Steps to Submit Project

1. Fill out this worksheet to reflect the proposed equipment to be installed
2. Fill out the Non-Lighting Application - Oregon
3. Obtain manufacturer specifications for the proposed new equipment
4. Submit the above to Retrofit@IdahoPower.com

## Notes

- Projects must meet the applicable specifications stated on the pages of this worksheet
- Projects with estimated incentive \$2,000 or greater should receive pre-approval from Idaho Power prior to project start

Project Name: \_\_\_\_\_

Replacing	Installing	Quantity (Units)	Incentive (Per Unit)	Total Incentive
<b>Refrigeration</b>				
F2 No or damaged auto closer, low-temp	Auto-closer—walk-in	_____ door	\$400.00	\$ _____
F41 No existing door or protective barrier	Refrigerated case doors- med temp	_____ linear foot	\$130.00	\$ _____
F25 Manual or electric warehouse door	Freezer to dock automatic high speed door	_____ ft <sup>2</sup> door opening	\$100.00	\$ _____
F26 Manual or electric warehouse door	Freezer to refrigerator automatic high speed door	_____ ft <sup>2</sup> door opening	\$50.00	\$ _____
F31 Manual or electric warehouse door	Refrigerator to dock automatic high speed door	_____ ft <sup>2</sup> door opening	\$25.00	\$ _____
F27 No protective barrier	Walk-in freezer strip curtain	_____ ft <sup>2</sup> door opening	\$5.00	\$ _____
F28 No protective barrier	Walk-in refrigerator strip curtain	_____ ft <sup>2</sup> door opening	\$5.00	\$ _____
<b>Kitchen Equipment</b>				
F15 Standard electric oven	ENERGY STAR electric combination oven (5–40 pans) <i>List # of pans</i>	_____ unit	\$800.00	\$ _____
F19 Standard electric steamer, 3 pan or larger	ENERGY STAR electric steamer, 3 pan or larger	_____ pan	\$30.00	\$ _____
F24 Kitchen hood with constant speed ventilation motor	VSD/VFD installed on kitchen exhaust and/or makeup air fan	_____ hp	\$ 250.00	\$ _____
F36 Standard commercial ice machine >= 200 lbs	ENERGY STAR v3.0 commercial ice machine >= 200 lbs/day	_____ unit	\$300.00	\$ _____
F40 Standard overwrapper	On Demand Overwrapper	_____ unit	\$100.00	\$ _____

**Food Service Total** \$

## Checklists for Submission

### Pre-Approval Checklist

- ☐ Signed/Dated Non-Lighting Pre-Approval Application (Oregon)
- ☐ Food Service Equipment Worksheet (Oregon)
- ☐ Manufacturer Specification Sheets

### Payment Checklist

- ☐ Signed/Dated Non-Lighting Application (Oregon)
- ☐ Food Service Equipment Worksheet (Oregon)
- ☐ Invoices for Material & Labor

# Specifications for Food Service Equipment

## Auto-Closers

Auto-closers are eligible when installed on low temp walk-in freezer/cooler doors not previously equipped with functioning auto-closers. The auto-closer must firmly close the door when it is within one inch of full closure.

## Refrigerated Case Doors

This measure is available for the installation of new solid, reach-in doors on medium-temp (ie dairy, deli, beverage) refrigerated cases where no door or protective barrier exists. The existing cases must be open-vertical display cases to qualify.

## Automatic High-Speed Door

Eligible equipment will replace a manual or electric door that requires personnel input to open and close the door with an automatic door that will open and close. New door controls should decrease the amount of time the door remains open throughout the day. Savings will not be realized if doors are rarely opened or personnel are already diligent about ensuring door is only open when needed. Qualifying automatic door closers will be able to fully open or fully close within 7.5 seconds and will remain open for less than 3 minutes.

## Strip Curtain

Strip curtains on walk-in freezers and refrigerators help keep the conditioned air inside of the space, while allowing for easy travel through the door. Strip curtains added to a doorway on walk-in freezers and refrigerators without any protective barrier qualifies for an incentive.

## Kitchen Equipment

### Electric Combination Oven

New electric combination ovens may replace existing standard electric combination ovens. New oven must be [ENERGY STAR](#) qualified and replace an oven of same or greater pan size.

### Electric Steamer

New electric steamer may replace existing standard electric steamer. New steamer must be [ENERGY STAR](#) qualified and replace a steamer of same or greater pan size.

### Kitchen Hood Variable Speed Drive

This incentive is available for variable speed/frequency drives (VSD/VFD) installed on commercial kitchen hood ventilation fans that is controlled by a temperature and optic sensor. The pre-existing condition is a single speed ventilation fan with only on and off cycle ability. The VFD should be able to reduce the fan speed down to a preset minimum value based on system demands. Kitchen HVAC system must be able to accommodate the variable exhaust airflow caused by the hood VFD. The VSD/VFD must operate a minimum 2,000 hours per year and variably loaded. The VFD must be installed in accordance with the Institute for Electrical and Electronics Engineers (IEEE) Standard 519 and Idaho Power's Rule K, Customer's Load and Operations Tariff.

### Commercial Ice Machine

New air-cooled, cube-type commercial ice machines meeting [ENERGY STAR](#) 3.0 efficiency standards are eligible.

### On-Demand Overwrapper

Incentives are available for the installation of new on-demand commercial electric overwrappers that replace traditional units typically left on all day. On-demand overwrappers must use a mechanical or optical control system.