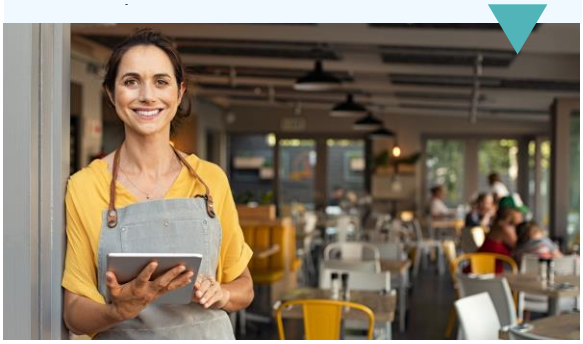
Rapid Rebates Program Information

The Willdan Commercial Energy Efficiency Program (CEEP) provides energy consultations, technical assistance, and energy-efficient upgrades to qualifying commercial customers with a monthly electrical demand greater than 20 kW across Southern California Edison's service territory.

To help customers realize their energy savings sooner, the program offers Rapid Rebates. Rapid Rebates are a streamlined approach, offering customers a quick and easy way to receive rebates on the most common efficiency upgrades. Although Rapid Rebates are paid on a per-unit basis after installation, **pre-purchase approval is required**.

Customer Eligibility

- ✓ Existing commercial customer served by Southern California Edison (SCE)
- ✓ Monthly electrical demand greater than 20 kW over the most recent 12-month



Please refer to the specifications referenced in this document to ensure equipment meets the program requirements. Projects not listed within this catalog may still be eligible through Custom Rebates.

All rebate offerings, qualifying products, and rebate amounts are subject to change. Once pre-approved, your rebate is reserved for 180 days.

Projects cannot receive rebate payments from more than one California investor-owned utility or third-party energy efficiency program for the same product, equipment, or service (e.g., "double dipping"), including point of sale "midstream" and "upstream" rebates.

PROCESS OVERVIEW

1. **QUALIFY**
   Willdan will confirm that your facility meets the eligibility criteria for the Program.
2. **APPLICATION**
   We will submit your application to SCE. Once approved, your rebate is reserved for 180 days.
3. **INSTALL**
   Once your application is approved, use your own contractor or a program Trade Pro to install your project.
4. **VERIFICATION**
   We will verify the installation then submit the post-installation package to SCE for approval.
5. **REBATE**
   Once SCE approves the post-installation package, we will issue your rebate check within 30 days.

HOW TO APPLY

Contact us by email or phone to reserve your rebate:

Email: CEEP@willdan.com	**Phone:** 844.720.3888

Rapid Rebates Measure Catalog

Click below for more information on offerings and requirements.

Definitions

Acronym	Definition
ASH	Anti-sweat heater
ECM	Electronically commutated motor
PMS	Permanent magnet synchronous
PSC	Permanent split capacitor
SHP	Shaded pole
SRM	Switch reluctance motor

LED Lighting

Type A TLED

Description	Measure ID	Solution Code	Building Type	Rebate
Efficient 4-foot UL Type A TLED T8 lamp	SWLG009A	LT-11950	1. Offices 2. Storage 3. Non-Refrigerated Warehouses	$2.00
			1. Grocery 2. Retail 3. Hospital 4. Restaurant 5. Refrigerated Warehouse 6. Nursing Home	$5.00
	SWLG009B	LT-20467	Parking Garage	$2.00

Description

This measure provides rebates for replacing a 4-foot linear fluorescent T8 lamp with a 4-foot Type A LED T8 Lamp for specified building/space types.

Requirements

The existing fluorescent lamp and associated electronic ballast must be functioning**.** The new LED tube must be 4-foot and designated as UL Type A or UL Type A+B, but must be configured as a UL Type A. The lamp must be listed in the current Design Lights Consortium (DLC) qualified product list under the Primary Use Category "Replacement Lamps ("plug and play") (UL Type A)" or "Dual Mode Internal Driver (UL Type A and Type B)".

Lamp Performance Requirements are listed in the table below:

Performance Metric	Minimum Requirements
Lamp Efficacy	≥ 145 LPW
CRI	≥ 80
CCT	2,200 K – 6,500 K
Power Factor	≥ 0.9
Total Harmonic Distortion	≤ 20%
Lumen Maintenance	L70 ≥ 50,000
Minimum Warranty	5 years

This measure has the following specific ballast compatibility criteria:

- The LED lamp must be able to operate from an electronic instant start ballast.
- The LED Lamp specification sheet must list all the compatible ballast model numbers to allow program administrators and reviewers to verify compatibility.
- The LED T8 Lamp must be installed in a fixture using a ballast found on its compatible ballast list. If the existing ballasts are not listed on the compatible ballast list, the following criteria must be met to qualify for a rebate:

- TLED must be installed in a manner that is consistent with all requirements listed on the TLEDs specification sheet.
- The ballasts that are not listed on compatible ballast list must be certified by independent test labs for compatibility and the certification must be submitted with the application.
- If a lab certification is not available, a letter from manufacturer showing ballast compatibility must be submitted as a part of application.
- LED lamps designed to operate with existing magnetic ballasts or non-instant-start electronic ballasts are not eligible.

Exclusions

De-lamping and re-ballast are not eligible.

The existing fluorescent lamps must be properly disposed of, and the disposal method reported.

The following building types are **not** eligible for rebates:

- Hotels and motels
- Assembly buildings (gathering spaces)
- Education

Data Collection Requirements

The following information must be collected for every project:

- Total number of fixtures on site
- Number of fixtures sampled (must sample at least 10% of the total number of fixtures on site)
- Number of lamps per fixture
- Number of ballasts per fixture
- Ballast model number
- Ballast manufacturer
- Fluorescent lamp wattage
- Disposal method of old tube
- Manufacturer cut sheet showing ballast compatibility

Type B TLED

Description	Measure ID	Solution Code	Building Type	Rebate
4-foot UL Type B LED T8 lamp	SWLG018A	LT-21836	1. Offices 2. Storage 3. Non-Refrigerated Warehouses	$2.00
			1. Grocery 2. Retail 3. Hospital 4. Restaurant 5. Refrigerated Warehouse 6. Nursing Home	$5.00
	SWLG018B	LT-21837	Parking Garage	$2.00

Description

This measure provides rebates for replacing a 4-foot linear fluorescent lamp and ballast with a high efficacy DLC-listed Type B lamp for specific building /space types.

Requirements

The LED tube must be 4-foot and designated as UL Type B or UL Type A+B. UL Type A+B (dual mode) lamps must be installed in a Type B configuration with the existing ballast removed.

The lamp must be listed in the current Design Lights Consortium (DLC) qualified product list under the Primary Use Category “Internal Driver/Line Voltage (UL Type B) Lamps” or “Dual Mode Internal Driver (UL Type A and Type B)”.

The LED tube must be compatible with the installed system lighting controls. For example, if the lighting system includes dimming controls, the new LED tube must be dimmable and compatible with the installed dimming system.

Performance Metric	Minimum Requirements
System Efficacy	160 LPW
CRI	≥ 80
CCT	2,200 K – 6,500 K
Power Factor	≥ 0.9
Total Harmonic Distortion	≤ 20%
Lumen Maintenance	L70 ≥ 50,000
Minimum Warranty	5 Years

Exclusions

De-lamping is not eligible.

Existing lamps and ballasts must be fully demolished and properly disposed. “Abandon-in-place” demolition of existing ballasts is not eligible.

The following building types are **not** eligible for rebates:

- Hotels and motels
- Assembly buildings

Data Collection Requirements

The following data must be gathered and submitted for all projects:

- Total number of fixtures on site
- Number of fixtures sampled (must sample at least 10% of the total number of fixtures on site)
- Number of lamps per fixture
- Fluorescent lamp wattage
- Disposal method of tube
- Existing automated control types in the spaces retrofitted

When a project triggers Title 24 (detailed further below), the following data be gathered and submitted:

- Documentation showing that the retrofitted space has achieved a lighting power density (LPD) that is < 80% of allowable Title 24 LPD for that space type.
- Title 24 compliance documentation verifying the existence of required automated shut-off controls compliant with 2019 Title 24 §130.1(c)1-8 Auto-Shut-off Control
- The customer must confirm that existing automated control functionality remains intact after installation.

Code Requirements

This measure may trigger code and require specific documentation of code compliance. The customer and/or installing contractor are responsible for Title 24 compliance and permitting. State and federal standards that relate to this measure are noted in the table below.

Code	Effective Date
CA Appliance Efficiency Regulations – Title 20, Section 1605 (j) and (k)	1-Jan-19
CA Building Energy Efficiency Standards – Title 24, Section 130.1 Section 141.0(b)	1-Jan-20
Federal Standards, 10 CFR 430.32(m) and (n)	14-Jul-12

Important Excerpts from Title 24 (2019)

- Since UL Type B and Type C offerings involve removing and replacing both existing lamps and ballasts with unlike equipment, they are considered alterations. Based on factors such as the number of luminaires retrofitted and size of building, these offerings qualify as either “One-for-One Alterations” (§141.0(b)2Iiii) or “Entire Luminaire Alterations” (§141.0(b)2Ii) and (§141.0(b)2Iii).

- Depending on the type of alteration, the new LED power draw may trigger some Title 24 controls requirements, such as multi-level control (§130.1(b)) and automatic shutoff controls (§130.1(c)1-8).

Exemption from Code

The following scenarios typically allow this measure to be exempt from Title 24 code:

- Retrofitting < 10% of luminaires in an enclosed space does not trigger code. However, verification of this exemption requires knowledge about the total number of luminaires in the space in question.
- If the measure involves the retrofit of 50 or less luminaires per floor or tenant space, or in enclosed locations with only one luminaire then it does not trigger code.
- If Title 24 code is triggered by a project, the associated data collection requirements can be found in the Data Collection Requirements section below.

Refrigeration

Anti-Sweat Heater (ASH) Controls

Measure Description	Measure ID	Solution Code	Rebate	Rebate per
Display case with ASH controls, Low Temp (Freezer)	SWCR001A	RF-12098	$30.00	Linear ft
Display case with ASH controls, Medium Temp (Cooler)	SWCR001B	RF-48112	$15.00	Linear ft

Description

This measure offers rebates for installing ASH controls for reach-in display freezers (temperatures below 32 °F) and coolers (temperatures at or above 32 °F) that have existing uncontrolled anti-sweat heaters that operate at full power, 100% of the time. The rebate amount is based on the horizontal width of the display case in feet (linear ft).

Requirements

To qualify, the display case must be equipped with humidity-sensing controls that reduce the amount of power supplied to the heaters as the store dew point temperature decreases. Power reduction should decrease by at least 2% for every percentage the humidity falls below 55%.

Exclusions

This measure cannot be used in conjunction with projects that replace the display case doors.

Data Collection Requirements

Age of building: Ineligible for buildings constructed after 07/01/2014 due to Title 24 control requirements.

Age of refrigeration multiplex system: Ineligible for multiplex systems majorly upgraded or installed after 07/01/2014 due to Title 24 control requirements.

ECM Retrofit for a Refrigerated Display Case

Measure Description	Measure ID	Solution Code	Rebate	Rebate per
ECM replacing PSC motor, Low Temp (Freezer)	SWCR003B	RF-21603	$15.00	Each
ECM replacing PSC motor, Medium Temp (Cooler)	SWCR003A	RF-21602	$15.00	Each
ECM replacing SHP motor, Low Temp (Freezer)	SWCR003D	RF-21605	$15.00	Each
ECM replacing SHP motor, Medium Temp (Cooler)	SWCR003C	RF-21604	$15.00	Each
PMS motor replacing PSC motor/blades, Low Temp (Freezer)	SWCR003F	RF-21599	$15.00	Each
PMS motor replacing PSC motor/blades, Medium Temp (Cooler)	SWCR003E	RF-21598	$15.00	Each
PMS motor replacing SHP motor/blades, Low Temp (Freezer)	SWCR003H	RF-21601	$15.00	Each
PMS motor replacing SHP motor/blades, Medium Temp (Cooler)	SWCR003G	RF-21600	$15.00	Each

Description

This measure provides a rebate for replacing an existing evaporator fan motor in a medium or low temperature refrigerated display case with a high efficiency ECM or PMS motor assembly. An assembly with one motor, fan blades, and housing are treated the same as a bare motor.

Requirements

The following conditions must be met:

- The motor is installed as an evaporator fan motor in a refrigerated display case. The case can be a cooler or a freezer.
- The installed motor is a permanent magnet ECM or PMS motor/fan.
- Prior to the retrofit, the equipment had a motor that was a SHP motor or PSC motor.
- The new motor should be the equivalent size or the closest size available to the original motor's speed and shaft output power.
- The motor must be described as a low-power or high efficiency model by the manufacturer.

Exclusions

Motors must be installed on an existing system. Project cannot be installed at the same time as Beverage Merchandise Controllers or New Display Case Doors without Anti-Sweat Heaters.

Data Collection Requirements

The following information must be collected for all projects:

- Customer/Site Information
- Specifications of existing equipment
- Proof that the existing fan motor is still operating as intended
- Existing fan motor nameplate data with manufacturer date to confirm remaining useful life
- Replacement motor nameplate information

Where available, the following information should also be collected:

- Type of Display Case receiving New Motor

- New Motor Size
- New Motor Material Cost
- New Motor Labor Cost
- New Motor Type (ECM or a PMS motor)
- New Motor Efficiency Rating

ECM Retrofit for a Walk-in Cooler or Freezer

Measure Description	Measure Offering ID	Solution Code	Rebate	Rebate per
Walk-in cooler evaporator fan with ECM motor, replacing PSC	SWCR004A	RF-21446	$10.00	Each
Walk-in cooler evaporator fan with ECM motor, replacing SPM	SWCR004C	RF-21448	$50.00	Each
Walk-in freezer evaporator fan with ECM motor, replacing PSC	SWCR004B	RF-21447	$10.00	Each
Walk-in freezer evaporator fan with ECM motor, replacing SPM	SWCR004D	RF-21450	$50.00	Each

Description

This measure provides a rebate for replacing an existing evaporator fan motor in a walk-in cooler or freezer with a new permanent magnet ECM.

Requirements

The existing motor must either be a SHP or PSC evaporator fan motor for a walk-in cooler or freezer. The evaporator fan motor shaft output is typically rated between 6 W and 373 W (1/125 hp to 1/2 hp). This measure excludes motors greater than 1/2 hp. The existing motor system must be fully functional with no signs of replacement in the 12 months following the project application date. This measure cannot be installed at the same time as an evaporator fan controller.

Exclusions

This measure is applicable in any existing commercial building type 2008 and older. This assumes that walk-in equipment is at least as new as the building.

Data Collection Requirements

Pre-installation-inspection of the existing system is required. The following information must be collected:

- Customer/site Information
- Specifications of existing equipment
- Proof that the existing fan motor is still operating as intended
- Existing fan motor nameplate data with manufacturer date to confirm remaining useful life
- Replacement motor nameplate information

Where available, the following information should also be collected for each motor being installed:

- New motor size (nominal wattage)
- New motor material cost
- New motor labor cost

Auto Closer for Refrigerated Storage Door

Measure Description	Measure ID	Solution Code	Rebate	Rebate per
Auto door closer, cooler	SWCR005A	RF-16925	$150.00	Each
Auto door closer, freezer	SWCR005B	RF-32156	$425.00	Each

Description

This measure provides a rebate for the installation of an automatic door closer on a walk-in cooler or a walk-in freezer door that was not previously equipped with one.

Requirements

The automatic door closer must be installed on the main insulated opaque door(s) of an existing walk-in cooler or freezer. The automatic door closer must firmly close the door when it is within one inch of full closure.

Program Exclusions

A walk-in cooler or freezer manufactured after January 1, 2009, is not eligible.

Data Collection Requirements

Vintage of walk-in cooler or freezer. Ineligible for systems manufactured on or after 01/01/2009 due to Title 20 requirements.

Food Service Equipment

Kitchen Hood Demand Controlled Ventilation

Measure Description	Measure ID	Solution Code	Rebate	Rebate per
Commercial kitchen exhaust hood demand-controlled ventilation on new kitchen exhaust system	SWFS012B	FS-17337	$300.00	Rated-hp

Description

This measure provides a rebate for replacing manual ON/OFF-switch ventilation control for commercial kitchen exhaust hoods with a new control system that varies the hood speed based on the heat and cooking activity below the hood.

The controls operate based on temperature sensors and/or infrared sensors to determine the cooking activity. These systems typically consist of a variable speed drive, computer processor, user control interface (to enable, bypass, or disable the demand-controlled ventilation system), and active cook mode sensors (temperature, optical, infrared, or direct communication with cooking appliances).

Requirements

This measure pertains to the purchase and installation of a new commercial kitchen exhaust hood control system installed in an existing or a new dedicated commercial kitchen exhaust hood and makeup air system. Specific requirements include:

- The measure requires the installation of temperature sensor(s) in the hood exhaust collar or within the hood, and/or an optic sensor on the end of the hood or within the hood that senses cooking conditions and allows the system to automatically vary the rate of exhaust and make-up (ventilation) air by adjusting unit fan speeds accordingly.
- The control system must be used in conjunction with a variable-speed drive (VSD) on the fan motor.
- Installations in a new exhaust hood must have a total kitchen hood airflow ≤ 5,000 cfm.

The existing system must be a standard commercial kitchen ventilation system with single-speed exhaust and makeup air fans and a simple ON/OFF control.

Measure should comply with all local and federal codes, where applicable.

Exclusions

Systems with total kitchen hood airflow > 5,000 cfm installed after July 1, 2014, are not eligible. Used or rebuilt equipment demand control equipment is not eligible.

HVAC Measures

Software Controlled Switch Reluctance Motor

Measure Description	Measure ID	Solution Code	Rebate	Rebate per
Software-controlled SRM	SWHC041A	AC-21427	$10.00	Rated-hp

Measure Description

This measure provides rebates for replacing an existing supply-fan induction motor and VFD controller in a HVAC packaged unit with a software-controlled SRM. The measure is applicable to fan motors between 1 to 3 hp (nameplate).

Requirements

This measure must replace the existing 1 to 3 hp supply fan motor in a packaged HVAC system. The existing supply fan motor should be an induction motor and be equipped with variable speed controls. The new motor and controls must be UL Listed.

The installation of this measure shall meet all applicable regulations, including but not limited to the current California Building Energy Efficiency Standards (Title 24), federal code, and the National Electrical Code® (NEC). A non-exhaustive list of some notable Title 24 Requirements can be found below:

- Title 24 Section 140.9 (A) 5, Fan Control - Each unitary air conditioner with mechanical cooling capacity exceeding 60,000 Btu/hr and each chilled water fan system shall be designed to vary the airflow rate as a function of actual load and shall have controls and/or devices (such as two-speed or variable speed control) that will result in fan motor demand of no more than 50 percent of design wattage at 66 percent of design fan speed
- Title 24 Section 140.4 (C) 1, Fan Power Limitation - For Variable Volume Systems, either
  - Option 1: Fan system motor nameplate hp <= cfms x 0.0015 or
  - Option 2: Fan system bhp <= cfms x 0.0013 + A where A = sum of (Pressure Drop x cfmD/4131)

Exclusions

This measure is not eligible for supply fan motors rated less than 1 hp and or greater than 3 hp (nominal) or for other fan motors, such as the return fan motor or outdoor air fan motor in a packaged HVAC unit.