

Rapid Rebate Program

The Willdan Industrial Energy Efficiency Program (IEEP) provides comprehensive consultations, technical assistance, and energy-efficient upgrades to all qualifying industrial customers across Southern California Edison's (SCE) service territory.

To help customers start realizing 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, **projects still require pre-purchase approval**. Please refer to the specifications referenced in this document to ensure equipment meets the program requirements.

If you do not see your project covered by the rebates listed below, your project may still be eligible through our Custom Rebates. To learn more about Custom Rebates, reach out to your dedicated IEEP Project Developer or contact the program. All rebate offerings, qualifying products, and rebate amounts may change without notice at any time.



To be eligible, customers must:

- ▶ Have an active SCE service account
- ▶ Use more than 20 kW monthly
- ▶ Pay the public purposes program charge on their utility bill

1 QUALIFY

Confirm basic details and we will verify that your facility meets the program participation criteria.

2 AUDIT

We will work with you to identify qualifying equipment, energy savings, and project paybacks.

3 INSTALL

After receiving approval, you can use your own contractor or a program contractor to install your energy efficiency measures.

4 SAVE

Congratulations! You've started saving energy. We will verify installation and submit a Post-Installation Package to SCE.

5 REBATE

After receiving approval, Willdan will issue a rebate.

HOW TO APPLY

Rebate rates are subject to updates and pre-approval is required. To reserve your rebates, reach out to your dedicated IEEP project developer or contact the program by email or phone:

Website: Industrial.WilldanEfficiency.com

Email: IEEP@willdan.com

Phone: 844.668.3206

Available Measures

Click below for more information on offerings and requirements.

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Notice: Double dipping is not permitted. Prior to applying for rebates, please ensure no other rebates were provided. This includes point of sale midstream rebates and upstream rebates.

MEASURE DESCRIPTIONS AND REQUIREMENTS

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Units
Type A TLED	4-foot LED T8 lamp UL type A replacing linear fluorescent T8 lamp (non-res)	SWLG009A	LT-11950	\$3.50	Lamp
	4-foot LED T8 lamp UL type A replacing linear fluorescent T8 lamp (parking garages)	SWLG009B	LT-20467	\$3.50	Lamp

Measure 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.

Equipment Eligibility 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 Program 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

LED Lighting

This measure has specific ballast compatibility criteria, listed below:

The LED lamp must be able to operate from an electronic instant start ballast.

The LED Lamp specification sheet must list all of 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.

Program Exclusions

- ▶ De-Lamping and Re-ballast is not eligible
- ▶ The existing fluorescent lamps must be properly disposed of and the disposal method reported.

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 tube
- ▶ Manufacturer cut sheet showing ballast compatibility

LED Lighting

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Units
Type B and Type C TLEDs	4-foot UL Type B LED T8 lamp, indoor, AR	SWLG018A	LT-21836	\$3.50	Lamp
	4-foot UL Type B LED T8 lamp, parking garage, AR	SWLG018B	LT-21837	\$3.50	Lamp
	Fixture with (2) 4-foot UL Type C LED T8 lamp, indoor, AR	SWLG018E	LT-21840	\$6.00	Fixture
	Fixture with (2) 4-foot UL Type C LED T8 lamp, parking garage, AR	SWLG018F	LT-21841	\$6.00	Fixture
	Fixture with (3) 4-foot UL Type C LED T8 lamp, indoor, AR	SWLG018I	LT-21844	\$8.50	Fixture
	Fixture with (3) 4-foot UL Type C LED T8 lamp, parking garage, AR	SWLG018J	LT-21845	\$9.50	Fixture
	Fixture with (4) 4-foot UL Type C LED T8 lamp, indoor, AR	SWLG018M	LT-21848	\$16.00	Fixture
	Fixture with (4) 4-foot UL Type C LED T8 lamp, parking garage, AR	SWLG018N	LT-21849	\$12.50	Fixture
	4-foot UL Type B LED T8 lamp, indoor, NR	SWLG018Q	LT-21852	\$1.00	Lamp
	4-foot UL Type B LED T8 lamp, parking garage, NR	SWLG018R	LT-21853	\$1.00	Lamp
	Fixture with (2) 4-foot UL Type C LED T8 lamp, indoor, NR	SWLG018U	LT-21857	\$2.00	Fixture
	Fixture with (2) 4-foot UL Type C LED T8 lamp, parking garage, NR	SWLG018V	LT-21858	\$2.00	Fixture
	Fixture with (3) 4-foot UL Type C LED T8 lamp, indoor, NR	SWLG018Y	LT-21861	\$4.00	Fixture
	Fixture with (3) 4-foot UL Type C LED T8 lamp, parking garage, NR	SWLG018Z	LT-21862	\$4.00	Fixture
	Fixture with (4) 4-foot UL Type C LED T8 lamp, indoor, NR	SWLG018AC	LT-21866	\$5.00	Fixture
	Fixture with (4) 4-foot UL Type C LED T8 lamp, parking garage, NR	SWLG018AD	LT-21867	\$5.00	Fixture

Measure 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.

LED Lighting

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 amount of luminaires retrofitted and size of building, these offerings qualify as either “One-for-One Alterations” (§141.0(b)2liii) or “Entire Luminaire Alterations” (§141.0(b)2li) and (§141.0(b)2lii).

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.

LED Lighting

Equipment Eligibility 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.

Lamp Performance Requirements are listed in the table below:

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

Program 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.

LED Lighting

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, the following data be gathered and submitted.

- ▶ Documentation showing that the retrofitted space has achieved a lighting power density 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.

LED Lighting

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Units
LED High Bays	LED high bay luminaire rated from 11800 to < 14800 lumens and \geq 130 LPW and < 150 LPW	SWLG011F	LT-21216	\$9.00	Fixture
	LED high bay luminaire rated from 11800 to < 14800 lumens and \geq 150 LPW	SWLG011R	LT-21228	\$15.00	Fixture
	LED high bay luminaire rated from 14800 to < 18500 lumens and \geq 135 LPW and < 150 LPW	SWLG011G	LT-21217	\$12.00	Fixture
	LED high bay luminaire rated from 14800 to < 18500 lumens and \geq 150 LPW	SWLG011S	LT-21229	\$17.00	Fixture
	LED high bay luminaire rated from 18500 to < 23100 lumens and \geq 135 LPW and < 150 LPW	SWLG011H	LT-21218	\$12.00	Fixture
	LED high bay luminaire rated from 18500 to < 23100 lumens and \geq 150 LPW	SWLG011T	LT-21230	\$19.00	Fixture
	LED high bay luminaire rated from 23100 to < 30000 lumens and \geq 135 LPW and < 150 LPW	SWLG011I	LT-21219	\$12.00	Fixture
	LED high bay luminaire rated from 23100 to < 30000 lumens and \geq 150 LPW	SWLG011U	LT-21231	\$20.00	Fixture
	LED high bay luminaire rated from 30000 to < 39000 lumens and \geq 135 LPW and < 150 LPW	SWLG011J	LT-21220	\$10.00	Fixture
	LED high bay luminaire rated from 30000 to < 39000 lumens and \geq 150 LPW	SWLG011V	LT-21232	\$21.00	Fixture
	LED high bay luminaire rated from 39000 to < 50700 lumens and \geq 140 LPW and < 150 LPW	SWLG011K	LT-21221	\$23.00	Fixture
	LED high bay luminaire rated from 39000 to < 50700 lumens and \geq 150 LPW	SWLG011W	LT-21233	\$33.00	Fixture
	LED high bay luminaire rated from 50700 to < 65900 lumens and \geq 140 LPW and < 150 LPW	SWLG011L	LT-21222	\$29.00	Fixture
	LED high bay luminaire rated from 50700 to < 65900 lumens and \geq 150 LPW	SWLG011X	LT-21234	\$41.00	Fixture

Measure Description:

- ▶ This measure provides rebates for the replacement of high bay lighting fixtures with LED fixtures.
- ▶ The rebate available depends on the lumen output of the fixture and the fixture's efficacy.

LED Lighting

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 Building Energy Efficiency Standards – Title 24, Section 130.1 Section 141.0(b)	1-Jan-20

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 amount of luminaires retrofitted and size of building, these offerings qualify as either “One-for-One Alterations” (§141.0(b)2liii) or “Entire Luminaire Alterations” (§141.0(b)2li) and (§141.0(b)2lii).

\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.

LED Lighting

Equipment Eligibility Requirements

The new luminaire must produce equivalent lumens to the existing luminaire and must have a lower total wattage.

The luminaire's efficacy must meet or exceed the efficacy values (lumens per watt) listed in the measure summary table above.

The LED fixture or retrofit kit must be on the DesignLight Consortium (DLC) qualified product list (QPL) and be listed under the General Category "High Bay" and under one of the following Primary Use Designations:

- ▶ High-Bay Aisle Luminaires
- ▶ High-Bay Luminaires for Commercial and Industrial Buildings
- ▶ Low-Bay Luminaires for Commercial and Industrial Buildings
- ▶ Retrofit Kits for High-Bay Luminaires for Commercial and Industrial Buildings
- ▶ Retrofit Kits for Low-Bay Luminaires for Commercial and Industrial Buildings

Program Exclusions

- ▶ Fixtures listed under specialty primary uses on the DesignLights Consortium (DLC) qualified product list (QPL) do not qualify for the deemed rebate.
- ▶ Horticultural installations are not eligible.
- ▶ Exterior installations are not eligible.
- ▶ Screw-based lamps are not eligible.
- ▶ Tube LEDs (TLEDs) are not eligible.

SUMMARY OF MEASURES

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Rebate per
Compressed Air	Air compressor VFD, 15 to < 25 hp	SWCA001B	PR-18655	\$26.00	Rated-HP
	Air compressor VFD, 5 to < 15 hp	SWCA001A	PR-18656	\$22.00	Rated-HP
Dust Collection Fan	Dust collection fan VSD (100 hp motor)	SWPR005J	PR-21468	\$12,427.00	Each
	Dust collection fan VSD (125 hp motor)	SWPR005K	PR-21469	\$13,436.00	Each
	Dust collection fan VSD (150 hp motor)	SWPR005L	PR-21470	\$13,176.00	Each
	Dust collection fan VSD (60 hp motor)	SWPR005H	PR-21466	\$8,844.00	Each
	Dust collection fan VSD (75 hp motor)	SWPR005I	PR-21467	\$10,447.00	Each
	Dust collection fan VSD (15 hp motor)	SWPR005B	PR-21460	\$1,322.00	Each
	Dust collection fan VSD (20 hp motor)	SWPR005C	PR-21461	\$1,985.00	Each
	Dust collection fan VSD (25 hp motor)	SWPR005D	PR-21462	\$3,584.00	Each
	Dust collection fan VSD (30 hp motor)	SWPR005E	PR-21463	\$3,880.00	Each
	Dust collection fan VSD (40 hp motor)	SWPR005F	PR-21464	\$5,189.00	Each
Dust collection fan VSD (50 hp motor)	SWPR005G	PR-21465	\$4,278.00	Each	

MEASURE DESCRIPTIONS AND REQUIREMENTS

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Rebate per
Compressed Air	Air compressor VFD, 15 to < 25 hp	SWCA001B	PR-18655	\$26.00	Rated-HP
	Air compressor VFD, 5 to < 15 hp	SWCA001A	PR-18656	\$22.00	Rated-HP

Measure Description:

- ▶ This measure provides rebates for the installation of a variable speed drive (VSD) on an existing rotary screw air compressor sized between 5 and 25 horsepower.
- ▶ Rebate offerings are provided on a per-horsepower basis, depending on the total horsepower of the air compressor motor.

Notice: Double dipping is not permitted. Prior to applying for rebates, please ensure no other rebates were provided. This includes point of sale midstream rebates and upstream rebates.

Equipment Eligibility Requirements

The existing compressor shall meet the following eligibility requirements:

- ▶ Must be a rotary screw compressor
- ▶ Must have a horsepower rating ≥ 5 hp and < 25 hp (18 kW)
- ▶ Must operate in a stand-alone capacity or as a trim compressor, i.e. not base loaded in a multiple compressor system
- ▶ Must be permanently installed
- ▶ Customer production/output must not be modified by the installation of the VFD. Customer baselines hours of operation must remain the same.

This measure is applicable only for the following building types of any vintage:

- ▶ Manufacturing - Bio/Tech
- ▶ Manufacturing - Light Industrial

Program Exclusions

- ▶ Air compressor systems (online capacity) rated 25 hp and greater are not eligible due to Title 24 (2019) code requirements.
- ▶ Portable compressors are not eligible.
- ▶ Cyclic refrigerated dryers are not eligible.

Measure Category	Measure Description	Measure Offering ID	Solution Code	Rebate	Units
Dust Collection Fan	Dust collection fan VSD (100 hp motor)	SWPR005J	PR-21468	\$12,427.00	Each
	Dust collection fan VSD (125 hp motor)	SWPR005K	PR-21469	\$13,436.00	Each
	Dust collection fan VSD (150 hp motor)	SWPR005L	PR-21470	\$13,176.00	Each
	Dust collection fan VSD (60 hp motor)	SWPR005H	PR-21466	\$8,844.00	Each
	Dust collection fan VSD (75 hp motor)	SWPR005I	PR-21467	\$10,447.00	Each
	Dust collection fan VSD (15 hp motor)	SWPR005B	PR-21460	\$1,322.00	Each
	Dust collection fan VSD (20 hp motor)	SWPR005C	PR-21461	\$1,985.00	Each
	Dust collection fan VSD (25 hp motor)	SWPR005D	PR-21462	\$3,584.00	Each
	Dust collection fan VSD (30 hp motor)	SWPR005E	PR-21463	\$3,880.00	Each
	Dust collection fan VSD (40 hp motor)	SWPR005F	PR-21464	\$5,189.00	Each
	Dust collection fan VSD (50 hp motor)	SWPR005G	PR-21465	\$4,278.00	Each

Measure Description:

- This measure provides rebates for the addition of a variable speed drive (VSD) on an existing dust collection fan.

Equipment Eligibility Requirements

Projects must meet all of the following requirements in order to qualify for rebates:

- ▶ The customer must have an existing electrically operated fixed-speed fan installed on site or plans to install a new electrically operated fixed-speed fan.
- ▶ The existing baghouse, fan, and motor must be in proper operating condition.
- ▶ The baghouse fan motor must be compatible with a variable speed drive (VSD). (Motors that are compatible with VSDs vary by manufacturer. Compatible motors may be labeled as inverter duty, VSD ready, or have insulation classification F.)
- ▶ There must be no previous VSD or failed VSD installed on the baghouse existing fan motor.
- ▶ The installed VSD must be controlled based on static pressure, airflow rate (cfm), or velocity at the lowest required rate to keep particulates suspended in the air stream.
- ▶ The VSD is recommended to meet requirements as specified by IEEE Standard 519-2014. R553
- ▶ For fan motors larger than 50 hp, the fan/blower must not be designed as a high-pressure blower. High pressure blowers have designed capacities of less than 150 cfm per rated horsepower.

For applications with fan motors rated at 50 HP or less, the facility must have a NAICS Code within one of the following ranges:

- ▶ 211120 to 213115
- ▶ 311000 to 339999

For fan motors rated above above 50 hp and up to 150 hp, the facility must have a NAICS Code within the following range:

- ▶ 311000 to 311999

Program Exclusions

- ▶ This measure cannot be used for the following fan applications:
 - ▶ HVAC fan
 - ▶ An individual fan motor rated less than 15 hp or higher than 150 hp
 - ▶ A two-speed fan motor
 - ▶ A fan motor with an existing VSD

COMING SOON

Measure Category	Measure Name
Refrigeration	Floating Head Pressure Controls
HVAC	Demand Controlled Ventilation for Single Zone HVAC
HVAC	Unoccupied Fan Control
HVAC	Enhanced Ventilation for Packaged HVAC
HVAC	Economizer Repair and Adjustment