

Business Energy Efficiency Rebates 2014-2015 Lighting Program

ELIGIBILITY

- Roseville Electric's business lighting retrofit program is available to customers with a valid Roseville Electric business account.
- This program has a limited budget. Reservations for funds will be accepted on a first-come, first-served basis, until funds are spent or until June 30, 2015, whichever comes first.
- FORM B and FORM C submittals must be received before June 30, 2015.
- **Projects that require Title 24 do not qualify under this rebate program. T24 projects may qualify under our [New Construction/Tenant Improvement program](#).**

REQUIREMENTS

- Rebate items must be installed at the Roseville Electric account listed on the application.
- Funds are not guaranteed. Please make a fund reservation prior to purchasing materials and beginning work.
- Rebate reservations are good for up to 90 days.
- In no case will the utility pay more than 100% of the actual net purchase price of the items to be rebated.
- Equipment must meet the technical requirements listed in this application. Roseville Electric reserves the right to withhold payment for products that do not meet the requirements.
- Roseville Electric reserves the right to require photometric layout details prior to reserving or paying rebate funds.
- Roseville Electric reserves the right to pre- or post-inspect customer facility for existing and installed materials listed on this rebate application.
- Installing contractors must follow proper disposal and recycling procedures with removed materials. Resale of removed equipment is prohibited.

Roseville Electric
Business Energy Efficiency Rebates
2090 Hilltop Circle
Roseville, CA 95747
(916) 79-POWER
www.roseville.ca.us/bizrebates
elecbizrebates@roseville.ca.us

STEP 1 – RESERVE FUNDS FOR YOUR PROJECT

This step must be complete before the materials are purchased and work has begun.

- **Complete and submit RESERVATION REQUEST – FORM A, including the CHECK-LIST**
- **Provide lighting schedule, by area, of existing and proposed lighting.** The complete scope of work for lighting retrofits must be submitted, any additional added or removed fixtures from original scope of work may adjust rebate eligibility.
- **Send manufacturers specification sheet** for all proposed new equipment.
- If Consortium for Energy Efficiency, ENERGY STAR or Design Light Consortium approval is required as outlined in the technical specification section of this document, **send the testing agency's proof of approval** for the proposed product. Manufacturers literature is not acceptable as proof.
- Submit RESERVATION - FORM A by:
 - Scan and submit PDF file to: elecbizrebates@roseville.ca.us
 - Mail hard copy to:
Roseville Electric
2090 Hilltop Circle
Roseville, CA 95747
- Once approved and reservation is confirmed by Roseville Electric the project may begin.

STEP 2 – INSTALLATION CONFIRMATION

After the contractor installation is complete, contractor to:

- Submit any changes in quantity or products from what was reserved on an updated RESERVATION REQUEST – FORM A, include supporting documentation for those changes.
- **Complete, sign and submit INSTALLATION CONFIRMATION – FORM B to Roseville Electric.**
- Roseville Electric will review package and perform necessary audits to verify project compliance for rebates.

STEP 3 – REQUEST REBATE PAYMENT

After the project installation is complete, customer is to:

- Complete PAYMENT REQUEST – FORM C
- **Attach the itemized invoices for products and labor.** The manufacturer name and model number of each item installed must appear on the invoice.
- Retain a copy for your records.
- **Complete, sign and submit PAYMENT REQUEST – FORM C to Roseville Electric.**
- Once approved, rebate payments take approximately 6-8 weeks.

For more information please call Roseville Electric at (916) 79-POWER (797-6937)

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Reservation Request Form 2014-2015 Business Lighting Program



Customer Information

Business Name _____ RE Account Number _____ — _____
 Project Address _____
Street Number Street Name City State Zip
 Contact Name _____ Contact Title _____
 Phone _____ Email _____
Area Code Phone Number Ext.

Installing Contractor Information

Check here if project will be customer installed _____ Proposed Installation Date _____
 Contractor Name _____
 Mailing Address _____
Street Number Street Name City State Zip
 Contact Name _____ Contact Title _____
 Phone _____ Email _____
Area Code Phone Number Ext.

EQUIPMENT CATEGORY	NUMBER OF ITEMS	REBATE / UNIT	REBATE AMOUNT
	A	B	C=AxB
A. REPLACEMENT LAMPS / KITS			
Contractor Installation of lamps in Section A only		\$5.00 / lamp	
LED Decorative lamp <4 watts (DNQ for contractor installation incentive)		\$5.00 / lamp	
LED "A" lamp <30 watts		\$15.00 / lamp	
LED MR-16 lamp		\$15.00 / lamp	
LED PAR, R, ER or BR lamp <17 watts		\$15.00 / lamp	
LED PAR, R, ER or BR lamp >=17 watts		\$20.00 / lamp	
LED Down light Fixture or Conversion Kit		\$25.00 / lamp	
B. LINEAR FIXTURE RETROFITS			
4-foot system retrofit to reduced wattageT8		\$9.00 / lamp	
4-foot lamp permanent removal		\$13.00 / lamp	
LED Troffer Retrofit Kit 2x2		\$75.00 / kit	
LED Troffer Retrofit Kit 2x4, 2L existing		\$90.00 / kit	
LED Troffer Retrofit Kit 2x4, 3L existing		\$105.00 / kit	
LED Troffer Retrofit Kit 2x4, 4L existing		\$120.00 / kit	
C. BI-LEVEL STAIRWELL OR HALLWAY FIXTURE		\$150.00 / fixture	
D. HIGH EFFICIENCY EXIT SIGNS		\$40.00 / sign	
E. CHANNEL SIGNS (Complete calculator to obtain linear footage)		\$6.00 / linear foot	
F. SENSORS			
Sensors – Motion, wall switch		\$25.00 / sensor	
Sensors – Motion, ceiling 200-499w controlled		\$40.00 / sensor	

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Sensors - Motion, ceiling >=500w controlled		\$50.00 / sensor	
Sensor - Plug Load		\$30.00 / sensor	
Sensor - Integrated High Bay		\$40.00 / sensor	
G. OUTDOOR LIGHTING - LED		\$0.13 / kWh saved	
H. CUSTOM LIGHTING - INTERIOR			
Custom Interior Lighting - LED Technology Installed		\$800.00 / kW reduced	
Custom Interior Lighting - Non-LED Technology Installed		\$600.00 / kW reduced	
		Total Rebate Amount	\$

RESERVATION CHECK LIST

Manufacturers Specification Sheet	
Detailed Lighting Schedule by area, include: area name, quantity, type of lighting, fixture quantity, lamps per fixture, fixture wattage, and total wattage for the existing and the proposed systems. Excel preferred	
Detailed lighting map showing location and fixture type is required on projects larger than 30 fixtures	
Proof of CEE, DLC or ENERGY STAR qualification from the agency's website; clearly identify on the document the product(s) you are using. Manufacturer's literature is not acceptable proof	
LED Channel Signs – include print out from the Channel Sign Calculator	

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Technical Specifications

2014-2015 Business Lighting Program

GENERAL REQUIREMENTS

All equipment must be new and be UL approved. Used or rebuilt equipment is not eligible. **Exterior lighting projects must comply with item "G" requirements.** All other lighting rebate requests must be for typical non-residential use that is normally on during the working day. Projects that require Title 24 do not qualify under this rebate program; see the [New Construction / Tenant Improvement Program](#).

Customer and/or contractor must ensure new equipment is compatible with existing equipment and controls; fit into existing equipment, and resulting light level is adequate and acceptable for the tasks being performed, and meet required state and local energy codes.

LED Lighting - LED lamps, kits and fixtures must be on the applicable [ENERGY STAR](#) or the [Design Light Consortium \(DLC\)](#) qualified products list to be eligible for rebates. **Send a printout of the ENERGY STAR or DLC qualified products list page with the product you are using highlighted on the print out** with the reservation request, FORM A, submittal. Tubular LED retrofits do not qualify.

LIGHTING MEASUARE DETAILS

A. LIGHT EMITTING DIODE (LED) LAMPS / RETROFIT KITS

Qualifying retrofits must reduce existing lamp wattage by 50% or more and the lamps must be on the [ENERGY STAR](#) or [DLC](#) qualified products list. Products purchased with a utility buy down discount applied do not qualify.

If a contractor installs items in this category an additional rebate may be earned. Splitting of rebate payment to recipients is not allowed.

B. LINEAR FLUORESCENT RETROFITS

4-foot system retrofit to reduced wattage T8- Applies to applications where 4-foot 25 watt or 28 watt reduced wattage (RW) T-8 lamps and ballasts replace existing 32w or greater lamp and ballast systems. New lamps and ballasts must be on the [Consortium for Energy Efficiency \(CEE\)](#) applicable commercial qualified products list, send CEE proof with reservation application. RW lamps may display undesirable behavior in cooler temperatures while warming up, and may not suitable for dimming. High ballast factor ballasts may only be used in fixtures when permanent de-lamping (lamp reduction / removal) occurs.

4-foot permanent lamp removal – site inspection required prior to removing existing equipment. Rebates for lamp removal may only be done jointly with qualifying lamp and ballast retrofits. Lamp Removal (de-lamping) is defined as permanent removal of the existing lamp, ballast and lamp holders. Customers are responsible for determining whether or not lamp removal will maintain adequate lighting levels. LED troffer retrofit kits do not qualify for this measure.

LED Troffer Kit – applies to linear fluorescent fixture retrofits where complete removal of fluorescent lamps, ballast and sockets occurs and is replaced with a Design Light Consortium (DLC) qualified replacement kit with a new optical assembly designed for LEDs. Kit must be UL Classified, and enabled with continuous dimming and occupancy sensing controls. Fixture wattage must be reduced by 25% or more to qualify. This measure does not qualify for an additional sensor or lamp removal rebates. Tubular LED retrofits do not qualify.

C. BI-LEVEL STAIRWELL OR HALLWAY FIXTURE

Existing fixtures must be replaced one-for-one with new lighting system, be permanently hardwired and located in an interior stairwell or hallway that is normally on during the day. Ballasts, lamps and fixtures must comply with [CEE](#) or [DLC](#) requirements as appropriate for the technology installed. The ultrasonic motion sensor must be internally mounted and contain a fail-on feature with no manual overrides in case of lamp failure. Fixtures must reduce energy to 35% or less with no occupancy. This measure does not qualify for an additional motion sensor rebate.

D. HIGH EFFICIENCY EXIT SIGN

Only new exit signs that replace an incandescent exit sign qualify. Non-electrified (e.g., tritium) and remote exit signs are not eligible. New exit signs must meet UL-924 requirements; have an input wattage less than 5 watts, a 10-year rated life and replacement of defective parts for 5 years from date of purchase.

E. LED CHANNEL SIGNS

LED technology must replace incandescent, fluorescent or neon lighted channel letter signs. LED retrofit kits or new sign must have a 3 year warranty and be UL approved to qualify. LED must reduce energy by 50% or more. ENERGY STAR or DLC qualification does not apply on this measure. **Customer must use the [Channel Sign Calculator](#) to obtain linear footage; and include a copy of the print out with the reservation request.**

F. SENSORS

LED troffer, bi-level and exterior LED fixtures do not qualify for an additional sensor rebate.

MOTION sensor - only passive infrared and/or ultrasonic detectors are eligible. They must be hardwired and control interior lighting fixtures and installed in areas with no previous sensor controls.

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Technical Specifications

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PLUG LOAD sensor - applies to passive infrared and/or ultrasonic detectors to control electricity-using equipment in offices or cubicles or shared copiers and/or printers. A minimum of 50 watts must be connected and controlled for rebate eligibility. Detailed installation location list with wattage connected must be provided.

INTEGRATED HIGH BAY sensor - is permanently installed in the high bay fixture to control all lamps in the fixture. This measure does not apply to LED High Bay Fixtures.

G. OUTDOOR LIGHTING - LED

Qualifying exterior lighting projects must be typically on during the night and controlled by a photo cell or time clock. Existing fixture must be 70 watts or greater, and the LED replacement fixture or retrofit kit must reduce the maximum wattage by 50% or more. The LED fixture or LED Retrofit Kit for Outdoor Pole/Arm Mounted Luminaires must be on the [DLC](#) qualified products list. This measure does not qualify for an additional sensor rebate.

[DLC retrofit kits](#) are only eligible for Outdoor Pole/Arm Mounted Luminaires; and must replace all reflectors and optical systems of the existing fixture. Customers using LED Retrofit Kits for Outdoor Pole/Arm Mounted Luminaires are advised the kits have been DLC evaluated on a specific list of fixtures; the in-field fixture may have different internal volume or construction materials and may result in unsatisfactory field performance. Customers are advised to contact their fixture manufacturer and proceed with caution.

Provide lighting schedule, specification sheets, and site map with fixture location and type legend with the reservation request. Provide a detailed calculation on kW and kWh reduced describing the existing system wattage, and the proposed system wattage, while using 4,100 hours of operation.

H. CUSTOM LIGHTING – INTERIOR

Have a lighting retrofit that doesn't fit one of the items described? Here you can design your own retrofit with LED or Non-LED lighting technology project; it must meet the technology requirements called out within this application for the technology used. The application must be for an area that is normally on during the day, LED fixtures must include continuous dimming down to 10% and do not qualify for additional sensor rebates. Tubular LED retrofits do not qualify.

With the FORM A reservation application include a daily schedule of operation, calculations showing kW demand and annual kWh of existing and proposed equipment, and a detailed lighting schedule of operation. For projects with more than 30 fixtures include a map with fixture locations. **Exterior lighting does not qualify.**

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Installation Confirmation 2014-2014 Business Lighting Program



CUSTOMER'S PROJECT INFORMATION

Business Name:	Project Address:
Customer Contact Name:	Project Completion Date:

**Customer Self-Install – Customer to complete and sign section (1)
or
Contractor Installed – Contractor to complete and sign section (2)**

(1) CUSTOMER EMPLOYEE INSTALLATION

Customer Project Manager Name:
Customer PM Phone Number:
Customer PM E-mail:

- I certify that the products for which rebates are being requested were installed by company employees, and the installed equipment is working properly
- The project was completed with **(no changes/changes)** from the reservation **(circle one)**. Changes require resubmittal of FORM A and required project documentation
- I have received the warranty information for products that have been installed
- Attach a copy of the itemized project invoice, include model numbers of installed equipment

Customer Signature _____ Date _____

Print Name _____ Phone Number _____ e-mail _____

(2) CONTRACTOR INSTALLATION

Contractor Business Name:	Contractor Project Manager Name:
Mailing Address:	Contractor PM Phone Number:
City State Zip:	Contractor PM Email:

Contractor Agrees:

- Contractors must comply with the Roseville Electric [Contractor Code of Conduct](#)
- I certify that employees of, or subcontractors to, the Installing Contractor listed above have installed the products for which rebates are being requested, and the installed equipment is working properly
- The project was completed with **(no changes/changes)** from the reservation **(circle one)**. Changes require resubmittal of FORM A and required project documentation
- Warranty information for products installed has been provided to the customer Attach a copy of the itemized project invoice, include model numbers of installed equipment

Contractor Signature _____ Date _____

Print Name _____ Phone Number _____ e-mail _____

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Payment Request Form 2014-2015 Business Lighting Program



CUSTOMER INFORMATION

Customer Name:	Project Address:
RE Account Number:	Project Completion Date:

Customer to initial each item:

- A copy of the project itemized invoice is attached
- The equipment on this project was installed and is operating satisfactorily
- I received warranty information from the contractor for each of the products installed on this project
- I have the contractors contact information for warranty questions or issues
- I am satisfied with the lighting levels and results from this lighting retrofit project

Rebate Payment Instructions (select one):

- Send check to Customer installation address, information provided on RESERVATION REQUEST - FORM A
- Send check to a different customer location or property management firm:

Company Name _____
 Mailing Address _____
 City | State | Zip _____
 Customer Project Reference _____

- Send check to the INSTALLING CONTRACTOR, information provided on INSTALLATION CONFIRMATION – FORM B. Contractor invoice must show total cost of project without rebates, rebate amount and net balance due from customer. This option is only available when contractors install the items being rebated

TERMS AND CONDITIONS

I have read and understand the program requirements set forth in these application forms and agree to abide by these requirements. I have attached the required documentation for the program under which I am applying. I certify that the information provided on this application and associated required documentation is true and correct.

As a qualified Roseville Electric customer, I certify that I purchased and installed the indicated energy-saving products for use in my business facility and not for resale, and that all equipment installed is new, not rebuilt, remanufactured, or used equipment. I agree to participate in project evaluation surveys conducted in person, by phone or in writing; and to mandatory project inspections by Roseville Electric, and/or their designees for installed efficiency measures verification and evaluation.

Additionally, as a program participant I agree to allow Roseville Electric to release my company business name and my contact name as a Roseville Electric business customer that has benefitted from receiving rebate funds for energy efficiency improvements.

I agree that the selection, purchase, and ownership of the equipment are my sole responsibility. Roseville Electric makes no representation as to the safety, reliability, and /or efficiency of the equipment selected or components selected to meet the programs intent.

I agree that if I cease to be a distribution customer of Roseville Electric, or I do not provide Roseville Electric with 100% of the related energy benefits for the life of the product or for a period of five (5) years from receipt of rebate, whichever comes first, I shall refund a prorated amount of the rebate dollars to Roseville Electric.

Tax Liability—you are urged to consult your tax advisor concerning the taxability of rebates. Roseville Electric is not responsible for any taxes that may be imposed on your business as a result of your receipt of this rebate.

I certify that Roseville Electric's rebate influenced the purchase of a higher efficiency product than I otherwise would have purchased.

Customer Signature _____ Date _____

Print Name _____ Phone Number _____ e-mail _____

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