



PLATTE RIVER
POWER AUTHORITY

Estes Park • Fort Collins • Longmont • Loveland

What's New for LIGHTENUP

LIGHTENUP continues to be one of our most successful programs! Thanks to all of you who have made this program a success today and into the future.

While we are anticipating the phase out of T12 lamps and magnetic ballasts, we have decided to continue to offer rebates for T12 fluorescent fixture retrofits to continue to maximize the energy savings. Retrofits that include de-lamping fluorescent fixtures with high efficiency retrofit kits, low-ballast factor ballasts, low-wattage T8s, will continue to be highly cost effective for our customers.

Please review the following updates for and how it relates to your project(s).

What's New in 2012?

We are happy to announce that Fort Collins Utilities is adding a 50% bonus rebate, up to 70% of the project cost, for new 2012 projects served by Fort Collins Utilities! New projects must be completed by December 31, 2012 to receive the bonus rebate. No need to do any more paperwork to receive the bonus rebate, just select Fort Collins Utilities as the electric utility and complete the LIGHTENUP rebate application – the bonus will be added automatically!

What stays the same in 2012?

We are now offering a \$0.10 per Watt reduction bonus rebate for the use of retrofit kits (RFK) or new fixtures for retrofitting or replacing fluorescent fixtures.

Fixture type		2012 \$/Watt	New \$/Watt Rebate with RFK Bonus	Notes
4 ft linear, 1 to 4 lamp, T12 /magnetic ballast	4 lamp	\$0.35	\$0.45	Incentive is based on upgrading existing 4 foot fluorescent fixtures with new T8 (32W, 28W, etc.) lamps and high efficiency electronic ballasts, incl. de-lamping, new fixture, removing fixture, etc.
	3 lamp	\$0.40	\$0.50	
	1, 2 lamp	\$0.45	\$0.55	
8 ft linear, 1 to 4 lamp, T12 /magnetic ballast		\$0.50	\$0.60	Incentive is based on upgrading 8 foot fixtures with T8 lamps and high efficiency electronic ballast retrofits, de-lamping, new or removing fixtures, etc.
2, 4, to 8 ft linear, 1 to 4 lamp, T8 / standard electronic ballast		\$0.55	\$0.65	Incentive is based on upgrading existing 2 to 8 ft fluorescent fixtures equipped with standard T8 system with new T8 (32W, 28W, etc.) lamps and high efficiency electronic ballasts, incl. de-lamping, new fixture, removing fixture, etc.

Retrofit kit or new fixture bonus for retrofitting/replacing two, four, eight foot linear fluorescent fixtures (included in above “ <i>New \$/Watt Rebate with RFK Bonus</i> ” column)	\$0.00	+\$0.10	Requires 4 ft (or less) fixtures to be de-lamped with retrofit kit or new fixture. 6 to 8 ft fixture de-lamping bonus incentive is based on reducing number of lineal feet of lamps per fixture <u>and</u> adding a new reflector (if the fixture does not have one) to qualify for the bonus rebate. <i>For example, 2 lamp F96T12 8 ft fixture = 16 total feet of lamps and 2 lamp F32T8 8 ft fixture = 8 total feet of lamps.</i>
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Retrofit kits requirements for bonus rebate for different types of linear fluorescent fixtures include:
The following information also applies to new fixtures.

- a) Troffer (or recessed): Typically de-lamping 4ft fixtures to new T8 lamps and high efficiency electronic ballast. Retrofit kit for troffer (recessed) linear fluorescent fixtures must: 1) Result in a fixture efficiency of 80% or greater; includes new fixtures too. 2) New reflector (typically has a reflectivity value greater than 90% to meet fixture efficiency requirement) that matches the new number of new T8 or T5 linear fluorescent lamps; 2) New lamp holder sockets; 3) New socket bracket if needed; 4) New high efficiency electronic ballast(s). This bonus rebate may also include retrofitting U-Tube and 2’ x 2’ fixtures, new LED or T5 troffer replacements, etc.
- b) Strip: Typically retrofitting 4ft to 8 ft strip, or industrial, fixtures using a retrofit kit. Retrofit kit for strip fixtures must include: 1) New reflector (that has a reflectivity value equal to or greater than 90% and matches the new number of new T8 or T5 linear fluorescent lamps); 2) New lamp holder sockets and new socket bracket that repositions sockets and the new number of T8 lamps to center of the fixture channel; 3) New high efficiency electronic ballast(s). New fixture or retrofit kit bonus rebate may include new LED or T5 replacements. Exception: if the strip fixture is surface mounted to a ceiling that is less than 12 feet above the finished floor, new reflector may be substituted with a new ballast cover that has the same reflectivity, value equal to or greater than 90%.
- c) Wrap Around: Typically retrofitting 4ft wrap around, ceiling mounted, fixtures with two new T8 lamps. Retrofit kit for wrap around fixtures must include: 1) New lamp holder sockets and new socket brackets that repositions sockets and the new number of T8 lamps to center of the fixture; 2) New high efficiency electronic ballast(s). New fixture or retrofit kit bonus rebate may include new LED or T5 replacements.
- d) Suspended/Indirect: Typically these are new fixture types that will be installed to replace older linear fluorescent fixtures; and will qualify for new fixture bonus rebate. Retrofit kits for de-lamping these fixtures must include: 1) New lamp holder sockets and new socket brackets that repositions sockets and the new number of T8 lamps to center of the fixture/original reflector; 2) New high efficiency electronic ballast(s). New fixture or retrofit kit bonus rebate may include new LED or T5 replacements.

Automatic Controls	\$0.50	Incentive is based on 25% reduction of controlled wattage multiplied by \$0.50 per Watt reduction; Per fixture rebate.
LED replacement lamps	\$0.30	Incentive is based on replacing incandescent with equivalent LED lamp. Recommend ENERGY STAR rated or pre-approved by Platte River to qualify; incentive is <u>not</u> for new LED fixtures or retrofit kits. Includes CMH screw in lamps. May also include linear LED tube replacements.
LED hardwire fixtures	\$0.50	Incentive based on replacing existing incandescent,

		HID, or other fixtures with hardwired LED fixtures. Recommend referencing (not required) <i>ENERGY STAR</i> , <i>Design Lights Consortium</i> , or <i>Northwest Lighting Design Lab</i> for lists of tested and approved LED fixtures. NOTE: If replacing linear fluorescent fixture with new LED fixture, “bonus” rebate values for replacing T12 or T8 fixtures (see above) applies.
All other retrofits and replacements	\$0.40	Incentive is based on replacing HID, incandescent, or other with new high bay fluorescent fixtures, new hardwired CFL/CMH fixtures, induction, or other not listed.

- Cap total rebates received per customer per year at \$50,000.
- ALL four foot T8 electronic ballasts must be “high efficiency”. For a list of qualifying “high efficiency” ballasts, visit www.cee1.org or www.cee1.org/com/com-lt/com-lt-main.php3.
- Require the permanent removal of lamps, ballasts and sockets to qualify for rebates for de-lamping a fixture.
- We will not pay more than 100% of the project cost.
- Pre-approval is required if potential rebate is greater than \$1,000. Re-approval is required if the final rebate amount is projected to be more than 10% higher than the original pre-approved rebate amount.
- Maintain the simple payback MAXIMUM of 15 years (calculated with the incentive) for all projects.
- The preferred “Contractor/Vendor” list has been updated to include more contractors and new customer satisfaction ratings from the latest customer survey. The list is available on our Web site at www.prpa.org/energy.

What’s changes in 2012?

The following changes to the incentive amounts will be automatically calculated in the next versions of the **LIGHTENUP** applications.

Fixture type	\$/Watt 2011	\$/Watt As of Jan. 1, 2012	Notes
Screw-in CFLs	\$0.05	\$0.00	Incentive was based on replacing incandescent with screw in or other equivalent based CFLs.
GU24 CFLs w/ Conversion kit	\$0.20	\$0.10	Incentive is based on replacing incandescent with GU24 based CFLs and conversion kit (e.g. sock it lock it)

If you have any questions regarding **LIGHTENUP**, contact Platte River Energy Services, Platte River Power Authority at 970-226-4000 or email lightenup@prpa.org.