


Eligible Installations	Specifications	Rebate Incentive
<p>Commercial LED lighting retrofit</p> <p>New commercial construction LED lighting</p>	<ul style="list-style-type: none"> ■ Applies to retrofits of existing lighting systems, including fixtures within buildings, as well as miscellaneous exterior fixtures such as signage, canopy lighting and wall packs ■ Applies to new lighting systems installed in new commercial or industrial spaces or significant additions 	<ul style="list-style-type: none"> ■ As outlined on the application Excel spreadsheet. <ul style="list-style-type: none"> • Rebate is based on the lesser of the incentive amount for each LED replacement type stated in the spreadsheet or 50% of per item cost. • Per project cap of \$20,000.
<p>Refrigerated/freezer case LED lighting</p>	<ul style="list-style-type: none"> ■ Available to retrofit and new construction ■ Applies to medium and low temperature reach-in cases and multi-deck open cases 	<ul style="list-style-type: none"> ■ \$60 per door for reach-in cases ■ \$10, per linear foot for top lighting of multi-deck open cases ■ Capped at 50% of fixture material cost ■ Cap per member-owner account location of \$3,000 (50 doors or equivalent)
<p>Pole-mounted LED lighting</p> 	<ul style="list-style-type: none"> ■ Available for retrofit and new construction ■ Not for lighting directly attached to buildings, signs, parking garages, or off-street pedestrian lighting, bollards or lamps of less than 2,100 lumen output ■ Must be grid connected 	<ul style="list-style-type: none"> ■ Based on lumen output – See table of incentives inside ■ Capped at 25% of the head cost ■ Per project cap of \$20,000
<p>Irrigation motors</p>	<ul style="list-style-type: none"> ■ Minimum 10-horsepower, operating at minimum of 15% load factor or 3 months, per year ■ Maximum motor size 500 hp ■ Limited to irrigation motors (Table listing minimum motor efficiencies located inside fact sheet) 	<ul style="list-style-type: none"> ■ \$8/horsepower from 10 through 500 horsepower ■ \$1.50/horsepower wiring assistance, if the motor replaces a fossil-fueled engine, or is a new installation
<p>Variable speed drive (VSD) retrofits</p>	<ul style="list-style-type: none"> ■ Variable frequency drive retrofits onto existing equipment such as irrigation wells, commercial or industrial machinery ■ Only retrofits to existing installations, no new and no maintenance replacements ■ Motors from 25 to 250 hp 	<ul style="list-style-type: none"> ■ Sliding scale for incentives from \$1,600 to \$6,800 ■ Table of incentives for specific motor located in fact sheet ■ Cap of 50% of the VSD equipment costs ■ Per project cap of \$20,000

As of April 2017, new and retrofit commercial LED lighting rebates are based on a pre-authorized incentive and worksheet. Contact Continental Divide Electric Co-op for details about the program change.

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

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TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET

GENERAL INFORMATION AND PROGRAM INSTRUCTIONS
(Revised April 2017)

- These Energy Efficiency Products (rebates) are being offered to members of Continental Divide Electric Cooperative (CDEC) through its power provider, Tri-State Generation & Transmission Association (Tri-State).
- It is the responsibility of the Member-System Utility (CDEC) to provide the product information to its Members (You). In return, the Member is responsible for completing all applications and providing all necessary information needed for CDEC to submit the rebate applications to Tri-State, on behalf of its Members.
- Any questions or requests for information on the products and processes need to be submitted to CDEC. It is CDEC's responsibility to ensure those questions and requests for information are submitted to Tri-State. In turn, Tri-State will respond to CDEC with the answers and requested information.
- All products/rebates have an online application that CDEC submits on behalf of the Member. All commercial lighting programs require the Member to complete an Excel spreadsheet and provide supplemental information in PDF form. An application cannot be processed until all the information is received by CDEC and forwarded to Tri-State.
- Rebates must be requested within 90 days of equipment installations and/or certificate of occupancy.
- It is the responsibility of CDEC to issue rebate checks to the Members, upon receipt of Tri-State's reimbursement to CDEC
- Questions about these programs should be directed to CDEC Member Services at (505) 285-6656 or at memberservices@cdec.coop

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

**COMMERCIAL LED LIGHTING RETROFITS
and NEW COMMERCIAL CONSTRUCTION LED LIGHTING**

(Revised April 2017)

REBATE INCENTIVE

- As outlined on the application Excel spreadsheet.
 - Rebate is based on the lesser of the incentive amount for each LED replacement type stated in the spreadsheet or 50% of per item cost.
 - Per project cap of \$20,000.
- Only one project per Member-System Member account location is permitted per year. “Project” is defined as a single, contiguous location. Pre-approval by Tri-State is necessary for any interpretation of this rule.
- Any questions regarding the suitability of materials proposed to receive incentives must be submitted to Tri-State by CDEC for written response, **prior** to start of construction.

GENERAL INFORMATION

- No other Tri-State Energy Efficiency Products or special rate/discount shall apply.
- This incentive applies only to permanent **new** and **retrofit** lighting installations at any location served and powered by a Tri-State Member-System utility.
- Payment will be made after completion and verification and will be based on the as-built information provided. A CDEC inspection and photo documentation of the installed lighting is required, before the application can be submitted for payment.
- This program can be used for new construction and retrofits of existing lighting systems. It is intended to include fixtures within buildings and parking garages, as well as miscellaneous exterior fixtures such as signage, canopy lighting and “wall packs.”
- If a light/fixture does not fit into any of the category types listed on the application spreadsheet, the member-system member should contact CDEC to determine if it is rebate eligible.
- This program is **not** intended for pole-mounted LED lighting rebates. Refer to the Pole-Mounted LED Lighting rebate program for eligibility.

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**COMMERCIAL LED LIGHTING RETROFITS
and NEW COMMERCIAL CONSTRUCTION LED LIGHTING (cont'd)**

(Revised April 2017)

CHECKLIST OF INFORMATION NEEDED TO PROCESS FINAL SUBMITTAL

NOTE – Contractors are responsible for completing required forms and worksheets.

- The appropriate Excel spreadsheet required of this program.
- Manufacturer “cut sheets” for rebate-eligible equipment.
- Invoices showing lamps, ballasts, reflector, material pricing, etc.

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
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REFRIGERATED/FREEZER CASE LED LIGHTING

REBATE INCENTIVES

- \$60 per door for reach-in cases
- \$10 per linear foot for top lighting of multi-deck open cases
- Capped at 50% of the fixture material cost
- Capped at 50 doors, or equivalent (\$3,000 per project)

GENERAL INFORMATION

- For both new construction and retrofits.
- No other Tri-State Energy Efficiency Products or special rate/discount shall apply.
- An Energy Efficiency Products Application/Certification is required.
- This incentive applies to medium and low temperature reach-in refrigerated cases and multi-deck open cases at any location served and powered by a Tri-State Member-System utility.
- Only one project per member-owner account location is permitted per year.

EFFICIENCY STANDARDS

- Minimum of 0.90 Power Factor.

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

REFRIGERATED/FREEZER CASE LED LIGHTING

INFORMATION REQUIRED FOR ONLINE APPLICATION FORM

CDEC Accountholder Name:

CDEC Account Number:

CDEC Account Street (Installation) Address:

Project Name

Store Name

Manufacturer(s) of LED System:

Model Number(s) of LED System:

Reach in Refrigerated Cases (Medium or Low Temp), Number of Doors:

Multi-Deck Open Cases, Number of Lineal Feet:

Total Cost of Lighting Fixtures (equipment):

Are the cases being retrofitted **new** or **existing** equipment?

If cases are **existing** equipment, what is the age (in years) of its existing lighting system(s)?

What is the existing system(s) type – **T12 Magnetic Ballast, T12 Electronic Ballast, T8, T5 or Other?**

Please write your answer from the options given in the space provided below:

How many years is the system warranted, regardless of whether it is new or existing?

Please attach any additional information, including an invoice(s), showing the manufacturer(s), model number(s), cost(s) and quantity.

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
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POLE-MOUNTED LED LIGHTING

REBATE INCENTIVES

- The incentive will be the lower of:
 - 25% of material cost for each head or retrofit kit
 - Per project cap of \$20,000
 - The sum of the per fixture values from the table below:

Minimum Fixture Lumens	Per Fixture Rebate Incentive
29,000	\$475
13,000	\$200
7,000	\$130
5,000	\$80
3,000	\$55
2,100	\$44

GENERAL INFORMATION

- No other Tri-State Energy Efficiency Products or special rate/discount shall apply.
- Applies to new, retrofit or non-maintenance replacement of permanent installations that are purchased by the Member System (CDEC) or Member-System Member (You).
- This program is for pole-mounted lighting. It does not apply to lighting directly attached to buildings, signs, parking garages, or off-street pedestrian lighting, bollards or lamps of less than 2,100 lumen output. (*Refer to the **Commercial Lighting Retrofit Program** for peripheral exterior lighting such as signage, canopy lighting, and wall packs for existing commercial or industrial buildings.*)
- Requires approval of the Energy Efficiency Products Application/Certification, complete with supplemental information. (Preconstruction approval is not required.)
- This incentive applies to lighting at any location served and powered by a Tri-State Member-System utility.
- Only one project per Member-System Member account location is permitted per year. “Project” is defined as a single, contiguous location. Pre-approval by Tri-State is necessary for any interpretation of this rule.
- Additional information needed, such as an invoice showing the manufacturer(s), model number(s), cost(s) and quantity(s), will be needed for application.

EFFICIENCY STANDARDS

- Minimum 0.90 Power Factor.

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

POLE-MOUNTED LED LIGHTING

INFORMATION REQUIRED FOR ONLINE APPLICATION FORM

Please note that this rebate incentive is for pole-mounted LED lighting. It does not apply to lighting directly attached to buildings, signs, parking garages, or off-street pedestrian lighting, bollards or lamps of less than 2,100 lumen output.

CDEC Accountholder Name:

CDEC Account Number:

CDEC Account Street Address:

Project Name:

1. Is this rebate for **new** LED pole-mounted street and/or parking lot lighting or will it replace **existing** lighting? (Indicate by writing "new" or "existing in the space provided.)

Information About the New Equipment:

1. Is there more than one type of head being installed? (If "yes," see NOTE below)

(NOTE – For projects with more than one head type, complete and return an Excel spreadsheet or Word document that includes the information requested for Questions 2 through 7, below.)

2. Who is the manufacturer of the new heads?

3. What is the model of the new heads?

4. What is the fixture initial lumens of the new heads?

5. How many new heads will be installed?

6. What is the total cost of the new heads (equipment only)?

Please attach a copy of the invoice(s), showing the cost, per head.

7. Are the heads warrantied

8. If warrantied for how many years

9. What is the date the equipment will be installed

10. What is the date the new lighting will be operational

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

IRRIGATION MOTORS

REBATE INCENTIVES

- not available for irrigation motors.
 - \$8, per horsepower for motors 10- through 500-horsepower.
- Wiring assistance for electric irrigation motors that replace a fossil-fueled engine or new installation.
 - \$1.50, per horsepower.

GENERAL INFORMATION

- No other Tri-State Energy Efficiency Products or special rate/discount shall apply.
- Motors must be a minimum of 10 horsepower and a maximum of 500 horsepower.
- Motors must operate at a minimum of 15% load factor, or for a minimum of 3 months each year. Motors less than 10 horsepower qualify, if the aggregate for a single application which requires all motors to operate, is at least 10 horsepower and qualify under the above conditions.

PROCESS DISCUSSION

- The Member-System utility and Member must certify that the motor is new and neither re-wound or moved from another location.
- Refer to page 15 for the table listing minimum efficiency standards for irrigation motors

**Minimum Efficiency Standards for 10 to 500 HP Motors
Used in Irrigation**

HP	1800 RPM % Nominal Efficiency
10	88.5%
15	91.0%
20	91.0%
25	91.7%
30	92.4%
40	93.0%
50	93.0%
60	93.6%
75	94.1%
100	94.1%
125	94.5%
150	95.0%
200	95.0%
250	95.4%
300	95.4%
350	96.2%
400	96.2%
450	96.0%
500	95.0%

**TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, Inc.
2017 ENERGY EFFICIENCY PRODUCTS FACT SHEET**

IRRIGATION MOTORS

INFORMATION REQUIRED FOR ONLINE APPLICATION FORM

CDEC Accountholder Name:

CDEC Account Number:

CDEC Account Street (Installation) Address:

Brand of Motor

Model Number of Motor

Nameplate Nominal Efficiency:

Is this a **new** motor or **replacement** motor?

Is motor **enclosed** or **open**?

What is the motor type – **General Purpose, Vertical Hollow Shaft, Submersible, or Other?**

Please write your answer from the options given in the space provided below:

What is the motor's annual load factor (percent)?

How many months, per year will this motor be in service?

What is the motor's horsepower?

What is the motor's speed (rpm)?

Does this motor replace a fossil-fueled engine or is it a new installation?

Please attach any additional information, including an invoice(s), showing the manufacturer(s), model number(s), cost(s) and quantity.

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VARIABLE-SPEED DRIVE (VSD) RETROFITS

REBATE INCENTIVES

- The lesser of:
 - 50% of the cost of the VSD unit, or
 - Project cap of \$20,000, or
 - The following rebate incentive table:

Motor Nameplate HP	Rebate Incentive
Less than 25	No incentive
25	\$1,600
30	\$1,750
40	\$2,050
50	\$2,350
60	\$2,650
75	\$3,100
100	\$3,800
125	\$4,600
150	\$5,300
200	\$6,800
250	\$6,800
Larger than 250	\$6,800

GENERAL INFORMATION

- No other Tri-State Energy Efficiency Products or special rate/discount shall apply.
- Applies to the installation of:
 - Variable frequency drives retrofit onto existing equipment, such as irrigation wells commercial or industrial machinery
 - New motors may be installed at the same time and may qualify for a separate motor rebate.
 - Replacement of existing VSDs, for maintenance or other purpose, does not qualify for a rebate incentive.
- “Project” is defined as a single, contiguous location. Pre-approval by Tri-State is necessary for any interpretation of the rule.

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VARIABLE-SPEED DRIVE (VSD) RETROFITS

INFORMATION REQUIRED FOR ONLINE APPLICATION FORM

CDEC Accountholder Name:

CDEC Account Number:

CDEC Account Street (Installation) Address:

Manufacturer of VSD

Model Number of VSD System

Motor Nameplate horsepower:

What is the VSD Unit Cost? (VSD plus filter, if used. Do not include labor or misc. materials.)

What is the VSD application equipment – **Pumping-Irrigation, Fan, or Other?** Please write your answer from the options given in the space provided below:

What is the VSD application – **Irrigation, Manufacturing, Commercial, or Other?**

Please write your answer from the options given in the space provided below:

Please attach any additional information, including an invoice(s), showing the manufacturer(s), model number(s), cost(s) and quantity.