

# 2018 Lighting Rebates

## Rebate Application

Federated Rural Electric, ATTN: Jon, P.O. Box 69, Jackson, MN 56143

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### Business Member Information

Business Name \_\_\_\_\_  
Installation Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Contact Name \_\_\_\_\_  
Email \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Account Number \_\_\_\_\_

### Rebate Recipient

To release the rebate incentive check to an alternate party other than the cooperative business member, the member must specify an alternative mailing address and authorize with a signature below.

#### Please Send Rebate to (check one):

Business Member       Alternative Recipient

Recipient Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Contact Name \_\_\_\_\_

### Application Check List

- Rebate application with
- Itemized project invoices (labor &
- Equipment specifications

The undersigned does hereby certify that the undersigned is solely responsible for the accuracy of the information contained in this application. All rules of the program have been followed and the installation is complete. The undersigned acknowledges that nothing contained in the application imposes any liability on the cooperative for the work performed and information presented by the member, member's engineer, contractor, or vendor. The undersigned also authorized payment of incentive directly to the specified rebate recipient.

**Rebate applications due no later than December 14, 2018.**

**Member Signature**

**Date**

\_\_\_\_\_

\_\_\_\_\_

Received \_\_\_\_\_



Reviewed \_\_\_\_\_

# Lighting Rebates

## Rules & Information

### Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by the cooperative. The cooperative shall not be responsible or liable for any personal injury or property damage caused by this equipment. The cooperative does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall the cooperative be liable for any incidental or consequential damages.

### General Program Rules

1. The member is responsible for checking with the cooperative to determine funding availability and resolve questions on program rules and qualification of products.
2. Installation must be complete before application is submitted and rebate funds are issued.
3. Members and vendors must submit itemized equipment invoices, rebate application, and manufacturer equipment specifications. To ensure that the equipment installed meets the cooperative's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
4. Rebates must be applied for within 12 months of invoice date.
5. The cooperative reserves the right to conduct random inspections of installations.
8. Illuminating Engineering Society (IES) light levels are recommended. A project falling below recommended levels may be denied a rebate.
9. The rebate shall not exceed 50% of materials cost OR project cost up to \$50,000 per member.

### Lighting

- All prescriptive lighting rebates will be for equipment that is DLC or Energy Star listed. Equipment that does not meet this requirement can be rebated through the custom lighting program.
- Energy Star and DLC requirements must match the application of LED installations.
- ENERGY STAR or DLC or both will qualify a lamp or fixture for a prescriptive rebate.
- Rebates are based on installed equipment of one-for-one replacement of incandescent fixtures, fluorescent T12 lamps and fixtures, or other fixture type that produce similar kW savings.
- If the project is not a 1:1 retrofit, additional new lighting may be applied for under New Construction. A project with a reduction in fixtures can be applied for under Custom Lighting. If a project is a lighting redesign, a photometric layout is required and can be applied for under Custom Lighting.
- Lighting Retrofit low wattage T8 lamps are based on the installation of 4' T8 lamps 28w or less.
- LED linear replacement lamps are based on a one-for-one replacement of fluorescent lamps. LED lamp must be DLC listed can be the follow types of lamps: UL Type A "plug and play", UL Type B internal-driver/line voltage, or UL Type C external driver
- Automatic controls must be permanently installed.
- LED exit signs rebates are for incandescent to LED only.
- LED Traffic Signals rebates are for incandescent to LED only.

# Lighting Rebates

## Lighting Retrofit

All lighting must be Energy Star or DLC rated and match the installation application. Lighting that does not meet Energy Star or DLC and meet the installation application can be rebated under custom lighting.

Lamps		Rebate	Quantity	Total
Screw & pin				
LED Lamp	≤ 20w	2x wattage reduction	\$5	\$0.00
LED Lamp	21-40w		\$10	\$0.00
LED Lamp	41-60w		\$15	\$0.00
LED Lamp	61-80w		\$20	\$0.00
LED Lamp	81-100w		\$25	\$0.00
LED Lamp	101-120w		\$30	\$0.00
LED Lamp	121-140w		\$35	\$0.00
LED Lamp	141-160w		\$40	\$0.00
LED Tubes				
4' LED Lamp	≤ 18w	Replaces T12 or T8 lamps	\$5	\$0.00
5'-6' case Lamp		Refrigerator/Freezer	\$20	\$0.00

LED Fixtures				
Troffers, Downlights, Recessed Cans, Pendants, & Surface Mounted				
LED Fixture	≤ 25w	2x wattage reduction	\$15	\$0.00
LED Fixture	26w-50w		\$20	\$0.00
LED Fixture	51w-75w		\$25	\$0.00
Wallpacks, Soffits, Canopy, Hi-Bay/Lo-Bay, Pole Mounted, & Roadway Lighting				
LED Fixture	≤ 40w	Replaces HID or T12 systems	\$30	\$0.00
LED Fixture	41w-80w		\$45	\$0.00
LED Fixture	81w-120w		\$60	\$0.00
LED Fixture	121w-200w		\$80	\$0.00
LED Fixture	201w-250w		\$100	\$0.00
LED Fixture	251w-300w		\$130	\$0.00
LED Fixture	301w-400w		\$140	\$0.00
LED Exit Signs				
Exit Sign	≤ 8w	Replaces incandescent only	\$5	\$0.00

Automatic Controls	Hr/year*	% Reduction	total kW**	Rebate	Total
Fixture Mount Occ Sensor				\$5	\$0.00
Photocell				\$7	\$0.00
Wall Mount Occ Sensor				\$10	\$0.00
Ceiling Mount Occ Sensor				\$20	\$0.00

\*annual operating hours before controls

\*\*total connected load (kW) to control

**Must Complete "Lighting Retrofit Details" page.**

Project Cost	
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<b>Total Rebate</b>	<b>\$0.00</b>
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# Lighting Rebates

## Lighting Retrofit Details

Old Lighting	Quantity	Wattage	Hrs/Year	New Lighting	Quantity	Wattage	Hrs/Year	A/C?

	Before		After	
	kW	kWh	kW	kWh
Total Usage	0.0	0	0.0	0
	Before		After	
	kW	kWh	kW	kWh
Annual Savings	0.0	0		



# Lighting Rebates

## New Construction

All lighting must be Energy Star or DLC rated and match the installation application. Lighting that does not meet Energy Star or DLC and meet the installation application can be rebated under custom lighting.

LED Lamps		Rebate	Quantity	Total
screw & pin				
LED Lamp	≤ 10w	\$3		\$0
LED Lamp	11w-30w	\$5		\$0
LED Tubes (A, B, & C types)				
4' Lamp	≤ 18w	\$3		\$0

LED Fixtures				
Troffers, Downlights, Recessed Cans, Pendants, & Surface Mounted				
LED Fixture	≤ 25w	\$10		\$0
LED Fixture	26w-50w	\$15		\$0
LED Fixture	51w-75w	\$20		\$0
Wallpacks, Soffits, Canopy, Hi-Bay/Lo-Bay, Pole Mounted, & Roadway				
LED Fixture	≤ 40w	\$20		\$0
LED Fixture	41w-80w	\$40		\$0
LED Fixture	81w-120w	\$50		\$0
LED Fixture	121w-200w	\$70		\$0
LED Fixture	201w-250w	\$90		\$0
LED Fixture	251w-300w	\$100		\$0
LED Fixture	301w-400w	\$110		\$0

Automatic Controls	Hr/year*	% reduction	total kW**	Rebate	Total
Fixture Mount Occ Sensor				\$4	\$0
Photocell				\$7	\$0
Wall Mount Occ Sensor				\$7	\$0
Ceiling Mount Occ Sensor				\$15	\$0

\*annual operating hours before controls

\*\*total connected load (kW) to control

ASHRAE 90.1-2010 Commercial Lighting Power Densities			
Building Area Type	LPD (W/ft <sup>2</sup> )	Building Area Type	LPD (W/ft <sup>2</sup> )
Automotive Facility	0.82	Multifamily	0.60
Convention Center	1.08	Museum	1.06
Courthouse	1.05	Office	0.90
Dining: Bar	0.99	Parking Garage	0.25
Dining: Cafeteria/fast food	0.90	Penitentiary	0.97
Dining: Family	0.89	Performance theatre	1.39
Dormitory	0.61	Police station	0.96
Exercise Center	0.88	Post Office	0.87
Fire Station	0.71	Religious building	1.05
Gymnasium	1.00	Retail	1.40
Health-care clinic	0.87	School/University	0.99
Hospital	1.21	Sports arena	0.78
Hotel	1.00	Town hall	0.92
Library	1.18	Transportation	0.77
Manufacturing Facility	1.11	Warehouse	0.66
Motel	0.88	Workshop	1.20
Movie theater	0.83		

Project Cost	
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Rebate	\$0.00
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# Lighting Rebates

## Custom Lighting

Old Lighting	Quantity	Wattage	Hrs/Year

New Lighting	Quantity	Wattage	Hrs/Year	A/C?

Before

Total Usage	kW	kWh
	0.00	0

Annual Savings	kW	kWh
	0.00	0

Project Cost Rebate	
	\$0.00

After

kW	kWh
0.00	0