

Title:

# **2023 New Construction Lighting Rebate Application**

PO Box 430 | Elk River, MN 55330 | 763.441.2020

Business Customer Info	ormation	
Business Name		
Installation Address		
City, State, Zip		
Contact Name		
Phone Number		Email
Account Number		
Rebate Recipient		
To release the rebate incentive an alternative recipient, mailing		ther than the Elk River Municipal Utilities business customer, the customer must specify a signature below.
Please Send Rebate to (c	heck one):	
1	<ul> <li>Business Customer</li> </ul>	□ Alternative Recipient
Recipient Name	Dadinood Gadiomor	Email
Mailing Address		
City, State, Zip		
Contact Name		Phone
Vendor Information		
Vendor Name		Email
Mailing Address	_	
City, State, Zip		Dhara
Contact Name		Phone
Application Check List		
□ Call ERMU to check for	r available funds	<ul> <li>Rebate application with signature</li> </ul>
<ul> <li>Itemized project invoice</li> </ul>	es (labor & materials)	Questions: Call Tom Sagstetter at 763.635.1332
<ul> <li>Equipment specification</li> </ul>	ns	or email at tsagstetter@ermumn.com
The undersigned does he contained in this applicat undersigned acknowledge (ERMU) for the work performed vendor. The undersigned	reby certify that the und ion. All rules of the proges that nothing containe formed and information also authorized paymen	lersigned is solely responsible for the accuracy of the information ram have been followed and the installation is complete. The d in the application imposes any liability on Elk River Municipal Utilities presented by the customer, customer's engineer, contractor, or it of incentive directly to the specified rebate recipient.
Rebate applications due no	later than December 15, 2	2023.
Customer Signature		Date

## **Lighting Rebates**

### **Rules & Information**



#### **Warranty Information**

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by ERMU. ERMU shall not be responsible or liable for any personal injury or property damage caused by this equipment. ERMU 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 ERMU be liable for any incidental or consequential damages.

#### **General Program Rules**

- 1. The customer is responsible for checking with ERMU 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. Customers and vendors must submit <u>itemized equipment invoices</u>, <u>rebate application</u>, and manufacturer <u>equipment specifications</u>. To ensure that the equipment installed meets ERMU'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. ERMU reserves the right to conduct random inspections of installations.
- 6. Illuminating Engineering Society (IES) light levels are recommended. A project falling below recommended levels may be denied a rebate.
- 7. The rebate shall not exceed 50% of materials cost OR project cost up to \$30,000 per customer.

#### 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 18w 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**

## **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.

	8 8				
LED Lamps		Rebate	Quantity	Operation	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	\$36	\$0		
LED Fixture	81w-120w	\$46	\$0		
LED Fixture	121w-200w	\$66	\$0		
LED Fixture	201w-250w	\$80	\$0		
LED Fixture	251w-300w	\$96	\$0		
LED Fixture	301w-400w	\$108	\$0		

Automatic Controls	Hr/year*	% reduction	total kW**			
Fixture Mount Occ Sensor				\$5		\$0
Photocell				\$10		\$0
Wall Mount Occ Sensor				\$10		\$0
Ceiling Mount Occ Sensor				\$20		\$0

<sup>\*</sup>annual operating hours before controls

<sup>\*\*</sup>total connected load (kW) to control

ASHRAE 90.1-2010 Commercial Lighting Power Densities						
Building Area Type	LPD (W/ft <sup>2</sup> )	<b>Building Area Type</b>	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 builidng	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	\$0.00
Rebate	\$0.00