



**Elk River  
Municipal Utilities**

13069 Orono Parkway, Box 430  
Elk River, MN 55330  
Phone # 763-441-2020

**Commercial and Industrial  
New Construction Lighting  
2010 Rebate Application**

Application # ERMU10-XXX



**Business Name:** \_\_\_\_\_  
**Mailing Address:** \_\_\_\_\_ **Phone** \_\_\_\_\_

\_\_\_\_\_ **City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Installation Address:** \_\_\_\_\_  
(if different from above)

**Account Number:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_ **Phone** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**VENDOR INFORMATION**

**Vendor Name:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**City, State, ZIP:** \_\_\_\_\_

**Vendor Contact Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

The undersigned does hereby certify that 1) The undersigned, and not Elk River Municipal Utilities, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Lighting Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on Elk River Municipal Utilities for the work performed and information presented by the customer's engineer, contractor, or vendor.

**Warranty Information**

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

**Other Important Program Rules**

1. Installation must be complete before funds will be issued for the rebate.
2. Customers and vendors must submit itemized equipment invoices along with rebate applications, and worksheet to Elk River Municipal Utilities. To ensure that the equipment installed meets Elk River Municipal Utilities's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, and information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. Elk River Municipal Utilities will conduct a final inspection of installation. Call 763-635-1330 to schedule.
4. The customer is responsible for checking with Elk River Municipal Utilities to determine whether funding is available and to verify program parameters.
5. Rebate must comply with all program rules and qualifications (see complete list of rebate specific rules).
6. Qualifying customers must apply for Year 2010 rebates no later than November 30, 2010.

**Customer Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_



## Commercial and Industrial New Construction Lighting 2010 Rebate Application

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### Qualifying Customers

This program is applicable to the commercial and industrial customers of Elk River Municipal Utilities.

### Rebate Program Guidelines

Elk River Municipal Utilities offers rebates to qualifying customers who purchase and install qualifying energy-efficient lighting products in new buildings. If the system configuration does not fit one of the prescriptive rebates shown the project may still qualify for a rebate through the Custom Energy Rebate program. The Custom Energy Rebate requires review and approval by both Elk River Municipal Utilities and Great River Energy.

### Specific Rules and Qualifications

1. Fluorescent T5 Lamps with Electronic Ballast

- Rebate based on the installation of fluorescent T5 controlled by electronic ballasts.

2. Fluorescent Super T8 Lamps with Electronic Ballast

- Lamps: produce at least 3,100 initial lumens; color-rendering index (CRI)  $\geq 81$ ; mean lamp lumens per watt  $\geq 90$  for instant start ballast or  $\geq 88$  for programmed rapid start ballast; lamp life  $\geq 24,000$  hours (at 3 hrs/start); and lumen maintenance  $\geq 94\%$ .
- Ballast must have a ballast efficacy factor (BEF) at least as high as the factors shown in the tables below.

Instant Start Ballast (BEF)			
Lamps	Low (BF $\leq 0.85$ )	Normal ( $0.85 < \text{BF} \leq 1.0$ )	High (BF $\geq 1.01$ )
1	3.08	3.11	N/A
2	1.60	1.58	1.55
3	1.04	1.05	1.04
4	0.79	0.80	0.77

Programmed Rapid Start Ballast (BEF)			
Lamps	Low (BF $\leq 0.85$ )	Normal ( $0.85 < \text{BF} \leq 1.0$ )	High (BF $\geq 1.01$ )
1	2.84	2.84	N/A
2	1.48	1.47	N/A
3	0.97	1.00	N/A
4	0.76	0.75	N/A

3. Fluorescent T8 Lamps - Low-wattage

- Rebate based on the installation of 4-ft T8 lamps less than or equal to 28W. Rebate is based on the number of lamps.

4. High-bay Fluorescent T8 and T5HO Lamps with Electronic Ballast

- Eligible for rebates are 6 or 8-lamp systems or 4-lamp T5 HO systems.
- High-bay fluorescent T8 6- or 8-lamp and high-bay fluorescent T5HO 4-lamp fixtures must meet the following minimum eligibility criteria:
  - Total fixture wattage  $< 240\text{W}$
  - Initial lumens  $\geq 20,000$
  - Fixture efficiency  $> 80\%$
  - Lumen maintenance  $> 90\%$
  - Fixtures must have reflectors

5. Compact Fluorescent Fixtures (CFL's)

- Rebates are available for new hard-wired (dedicated) or modular fixtures containing pin based CFL's. For fixtures that house more than one lamp, the rebate is based on the total fixture wattage. (i.e., one fixture that houses (2) 18W CFL's would be rebated as (1) 36W CFL fixture. Screw-based (integral) CFL's do not qualify.

6. Metal Halide (MH) and High Pressure Sodium (HPS) Fixtures

- Rebate are based on the installation of a MH or HPS fixtures less than or equal to 150W.

7. Pulse Start Metal Halide (PSMH) Fixtures

- Rebate are based on the installation of a PSMH fixture.

8. Ceramic Metal Halide Fixtures

- Rebate are based on the installation of a ceramic metal halide fixture.



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Business Name: \_\_\_\_\_ 0

Lighting project in air conditioned space (Y/N)

Fixture Type			\$/Unit	Quantity	Rebate	Hrs/Yr
Fluorescent T5 Lamps with Electronic Ballasts	≤ 4 ft	3 and 4 lamp	\$2.75		0.00	
		1 and 2 lamp	\$2.20		0.00	
Fluorescent Super T8 Lamps with Electronic Ballasts	≤ 4 ft.	3 and 4 lamp	\$2.50		0.00	
		1 and 2 lamp	\$1.90		0.00	
	5 ft to 8 ft	2 lamp	\$2.75		0.00	
		1 lamp	\$2.00		0.00	
Low-Wattage Fluorescent T8	4 ft., ≤ 28W	1 lamp	\$0.55		0.00	
High-bay Fluorescent T8 Lamps	4 ft	6 and 8 lamp	\$15.00		0.00	
High-bay Fluorescent T5 HO Lamps with Electronic Ballasts	4 ft.	6 and 8 lamp	\$20.00		0.00	
	4 ft	4 lamp	\$15.00		0.00	
Hardwired or Modular Compact Fluorescent Fixtures <small>(does not include screw-base CFL's)</small>	33W to 56W		\$8.80		0.00	
	19W to 32W		\$5.50		0.00	
	≤ 18W		\$3.30		0.00	
Metal Halide and High Pressure	≤ 150W		\$6.60		0.00	
Pulse-Start Metal Halide Fixtures	≥ 750W		\$19.80		0.00	
	320W - 749W		\$13.20		0.00	
	176W - 319W		\$8.80		0.00	
	≤ 175W		\$6.50		0.00	
Ceramic Metal Halide Fixtures	≥ 251W		\$16.50		0.00	
	151W - 250W		\$11.00		0.00	
	≤ 150W		\$22.00		0.00	
Automatic Controls <small>(Must be permanently installed, 1 rebate per circuit)</small>	Photocell		\$ 7.00		0.00	
	Ceiling Mount Occupancy Sensor		\$ 20.00		0.00	
	Wall Mount Occupancy Sensor		\$ 7.00		0.00	

**\*\*Required Information. Must enter total project cost to determine rebate.**

**\*\*Project Cost** \$  -

Rebate must comply with all program specific rules and qualifications.

**Total Rebate** \$  -

**Estimated Demand (kW) Savings**   
**Estimated Annual Energy (kWh) Savings**

<i>GRE Representative use only</i>
Initial: _____
Date: _____

\_\_\_\_\_  
*Elk River Municipal Utilities Representative*

\_\_\_\_\_  
*Date*

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3. Elk River Municipal Utilities will conduct a final inspection. Call 763-635-1330 to schedule.
4. The customer is responsible for checking with Elk River Municipal Utilities to determine whether funding is available and to verify program parameters.
5. The maximum rebate amount shall be the lesser of 50% of the project cost or \$100,000.
6. Qualifying customers must apply for Year 2010 rebates no later than November 30, 2010.