City of North St. Paul

Lighting Retrofit Rebate (2010)

If you have questions while completing this form, please contact your hometown electric utility weekdays during business hours for assistance.

Phone: 651-747-2413
Fax: 651-747-2425
Email: barb.huelsman@ci.north-saint-paul.mn.us

Send your completed applications to:
City of North St. Paul
2400 Margaret Street
North Saint Paul, MN 55109

Checklist For Application:

- ❑ Dated detailed invoice
- ❑ Completed Application including table

By participating in our We Save program, you can keep costs down and earn rebates when you install lighting equipment that is listed below in your existing building. If your project does not fit one of the descriptions below, please contact your local utility to determine if your project qualifies for a custom rebate.

What products are eligible for the rebate?

Fluorescent T8 or T5 Lamps with Electronic Ballast
Rebates are based upon one-for-one replacement of incandescent fixtures or fluorescent T12 lamps controlled by magnetic ballasts. Rebates are offered for both standard and high efficiency electronic ballasts. For rebates requiring high efficiency electronic ballasts, ballasts must have a ballast efficacy factor (BEF) equal to or greater than the factors shown in the table below.

Ballast Efficacy Factor (BEF) Table							
Instant Start Ballast				Programmed Rapid Start Ballast			
No. of Lamps	Low BF≤0.85	Normal 0.85<BF≤1.0	High BF≥1.01	No. of Lamps	Low BF≤0.85	Normal 0.85<BF≤1.0	High BF≥1.01
1	3.08	3.11	n/a	1	2.84	2.84	n/a
2	1.60	1.58	1.55	2	1.48	1.47	n/a
3	1.04	1.05	1.04	3	0.97	1.00	n/a
4	0.79	0.80	0.77	4	0.76	0.75	n/a

Low-wattage T8 Lamps
Rebates are based upon the installation of 4-foot T8 lamps 28W or less and calculated using the number of lamps. If replacing T12 fixture with T8 fixture, you may also use the Fluorescent T8 Lamps with Electronic Ballast rebate to calculate fixture rebate.

Compact Fluorescent Lighting
Rebates are based upon one-for-one replacement of incandescent lighting with new screw-base (integral) lights, hard-wired (dedicated) fixtures or modular fixtures containing pin-based compact fluorescent lamps (CFLs). For fixtures that house more than one lamp, the rebate is based on the number of lamps in the fixture. (i.e., A single fixture that houses two 18W CFLs would be rebated as two 18W CFL lamps).

High-bay Fluorescent T5HO, T8 and T8VHO Lamps with Electronic Ballasts
Rebates are based upon a one-for-one replacement of HID fixtures (including mercury vapor, high pressure sodium, metal halide, or pulse start metal halide) ranging in size from 250W to 1,000W. Rebates are offered for both standard and high efficiency electronic ballasts. For rebates requiring high efficiency electronic ballasts, ballasts must have a ballast efficacy factor (BEF) equal to or greater than the factors shown in the table below.

Metal Halide and High Pressure Sodium Fixtures
Rebates are based upon one-for-one replacement of incandescent or mercury vapor fixtures. Metal halide and high pressure sodium lamp wattage must be lower than existing lamp wattage.

Continued on page 2

MMPA Minnesota Municipal Power Agency

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What products are eligible for the rebate (continued)?

Ceramic Metal Halide Fixtures
Rebates are based upon one-for-one replacement of incandescent, halogen, mercury vapor, high pressure sodium, metal halide, or pulse start metal halide fixtures. Ceramic metal halide lamp wattage must be lower than existing lamp wattage.

Pulse-Start Metal Halide Fixtures
Rebates are based upon one-for-one replacement of incandescent, mercury vapor, high pressure sodium, or metal halide fixtures. Pulse-start lamp wattage must be lower than existing lamp wattage.

Reflectors
Rebate is based upon the square footage of the reflector. Rebates are for permanently installed reflectors that have a minimum 4-year manufacturer's product warranty and result in the permanent removal of fluorescent lamps from the existing fixture.

Occupancy Sensors and Photocells
Rebate requires permanent installation of equipment. Occupancy sensors may be wall or ceiling mounted, passive infrared, ultrasonic, or dual technology sensors.

LED Exit Signs
Rebates are based upon one-for-one replacement of incandescent exit signs to LED exit signs. CFL exit signs do not qualify for a rebate.

LED Pedestrian and Traffic Signals
Rebates are based upon one-for-one replacement of incandescent pedestrian and traffic signals to LED pedestrian and traffic signals. Rebates are not offered for amber LED traffic balls and arrows or green LED traffic arrows.

How Do I Qualify?

1. **General Qualifications**
   - Rebate offered to non-residential electric customers served by a local municipal utility that is a participating member of MMPA.
   - Retrofit systems must result in a net load reduction in kW usage from that of the existing lighting system.
   - Lighting equipment must be operated during weekday on-peak demand hours (6 a.m.- 9 p.m.).
   - Rebate applies to indoor lighting retrofit programs only. Rebates will not be given for outdoor lighting.
   - **Rebates will be given directly to customers and will not be given to Lighting Suppliers or Contractors.**

2. **Application- Limited Funds**
   This program is offered January 1 through December 31 of the respective calendar year. Rebate requests are processed on a "first-come first-serve" basis. Annual rebate funds are limited. Rebate programs, qualifications, and amounts are subject to change at any time. The customer is responsible for checking with your local municipal electric utility to determine whether the program is still in effect.

Continued on page 3

How Do I Qualify? (continued)

3. **Inspection and Verification**
   A City representative will inspect the site before and after the retrofit has occurred. During the pre-retrofit inspection, the customer will inform the City representative of all the changes planned. A post-retrofit inspection will be conducted to verify that all the changes have been made.

   The Utility reserves the right to conduct inspections of any and all installations. One sample of each type of old lamp or ballast must be retained for at least 90 days. If the Utility finds that the customer has not complied with its rules and standards, any rebate the customer has received must be returned to the Utility.

4. **Installation and Rebate Amounts-Rebate Limitations**
   Installation should be completed before submitting rebate application. In no case will the rebate paid by the Utility exceed the purchase price of the equipment. The Utility will issue rebates in the form of checks, not utility bill credits. The minimum rebate is $5. Maximum rebates are set by city.

5. **Invoice and Payment**
   Following the pre-retrofit inspection, completed installation, and post-retrofit verification, the customer must notify the Utility and submit invoices specifying the quantity and price of all materials purchased, the date ordered, installation costs and applicable taxes. The invoices should also contain the contractor's name and address as well as the customer's name and installation address.

   After satisfactory review of the application and invoices, a rebate check will be issued to the customer. Please allow 6-10 weeks from the date of post-retrofit inspection for delivery of rebate check.

6. **Equipment Eligibility Requirements**
   All equipment must be new and meet specification requirements.

7. **Tax Information**
   The Utility will not be responsible for any tax liability imposed as a result of the rebate payment(s). Customers are advised to consult their tax advisors before submitting rebate requests.

8. **Disclaimer**
   The Utility gives no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. The Utility does not guarantee that the implementation of energy-efficient measures or use of equipment purchased or installed pursuant to this program will result in energy or cost savings. In no event shall the Utility be liable for any incidental or consequential damage. The Utility is not responsible for the disposal of lamps and/or ballasts replaced as a result of this program.

9. **Privacy**
   Information contained in this rebate application may be shared with the Department of Commerce and the Minnesota Municipal Power Agency.

10. **Rebate Exclusions**
    - Rebates will not be given for equipment or designs that do not comply with local, state or federal regulations.
    - The Utility is not liable for rebates promised to a customer as a result of a contractor misrepresenting the program.
    - Customers must apply for rebates within a year of the purchase date shown on the equipment invoice.

City of North St. Paul

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COMPLETE THESE FIVE EASY STEPS TO GET YOUR REBATE.

STEP 1: ENTER CUSTOMER INFORMATION (please print clearly)

Company Name _____

Account Number _____

Contact Name _____

Phone (daytime) _____ Email _____

Address _____ City _____ State _____ Zip _____

Installation Address (if different) _____

STEP 2: ENTER EQUIPMENT INFORMATION

Complete the Lighting Retrofit Rebate Calculation Table. Annual operating hours and input wattages for old and new equipment must be provided. Please print clearly. Rebate forms that are not legible will not be processed.

STEP 3: ENTER VENDOR INFORMATION

Vendor Name _____ Vendor Contact Name _____

Vendor Address _____ City _____ State _____

Daytime Phone _____ Fax _____ Email _____

STEP 4: ATTACH NECESSARY DOCUMENTATION

The following document must be submitted with your rebate application.

- ❑ Copy of dated invoice(s) specifying the quantity and price of all materials purchased, date ordered, installation costs and applicable taxes. The invoice(s) should also specify the contractor's name and address as well as the customer's name and installation address.

STEP 5: CUSTOMER SIGNATURE

I hereby certify that all information is accurate including claims of efficiency, size and customer information. I have read all information on this form and agree that MMPA may verify all the information that I have provided.

X _____ Date _____

FOR MMPA USE ONLY. DO NOT WRITE IN THIS AREA.

Approved By _____ Date _____ Rebate Amount $_____

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LIGHTING RETROFIT REBATE CALCULATION TABLE

DESCRIPTION OF INSTALLED EQUIPMENT	NO. OF LAMPS	SPECIFICATIONS	ANNUAL OPERATING HOURS	REMOVED (OLD) QTY	REMOVED (OLD) WATTS/ FIXTURE	INSTALLED (NEW) QTY	INSTALLED (NEW) WATTS/ FIXTURE	REBATE $/UNIT	*Installed Qty x $/unit* REBATE
Fluorescent T5 Lamps with Electronic Ballasts 4 ft or less	1	Replace incandescent or T12						$12.00	$
	2							$12.00	$
	3							$20.00	$
	4							$20.00	$
Fluorescent T8 Lamps with Electronic Ballasts 4 ft or less	1	Replace incandescent or T12						$12.00	$
	2							$12.00	$
	3							$20.00	$
	4							$20.00	$
Fluorescent T8 Lamps with Electronic Ballasts 5 to 8 ft	1	Replace incandescent or T12						$12.00	$
	2							$12.00	$
Fluorescent T8 Lamps with High Efficiency Electronic Ballasts 4 ft or less	1	Replace incandescent or T12						$16.00	$
	2							$16.00	$
	3							$24.00	$
	4							$24.00	$
Fluorescent T8 Lamps with High Efficiency Electronic Ballasts 5 to 8 ft	1	Replace incandescent or T12						$26.00	$
	2							$26.00	$
Low-wattage Fluorescent T8 Lamps 4 ft or less, 28W or less	1	Relamp standard T8 fixtures						$1.00/ lamp	$
High-bay Fluorescent Fixtures with Electronic Ballasts									
T5HO (2- to 3-lamp)		Replace HID 175-250W lamp systems						$75.00	$
T5HO (4- to 6-lamp)		Replace HID 310-400W lamp systems						$100.00	$
T5HO (8-lamp)		Replace HID 750W lamp systems						$125.00	$
T5HO (10-lamp)		Replace HID 1,000W lamp systems						$150.00	$
T8 (4-lamp)		Replace HID 175-250W lamp systems						$75.00	$
T8 (6- to 8-lamp), T8VHO (3-lamp)		Replace HID 310-400W lamp systems						$100.00	$
T8 (12- to 16-lamp), T8VHO (6-lamp)		Replace HID 750W lamp systems						$125.00	$
T8 (18- to 20-lamp), T8VHO (8-lamp)		Replace HID 1,000W lamp systems						$150.00	$
High-bay Fluorescent Fixtures with High Efficiency Electronic Ballasts									
T5HO (2- to 3-lamp)		Replace HID 175-250W lamp systems						$85.00	$
T5HO (4- to 6-lamp)		Replace HID 310-400W lamp systems						$110.00	$
T5HO (8-lamp)		Replace HID 750W lamp systems						$135.00	$
T5HO (10-lamp)		Replace HID 1,000W lamp systems						$160.00	$
T8 (4-lamp)		Replace HID 175-250W lamp systems						$85.00	$
T8 (6- to 8-lamp), T8VHO (3-lamp)		Replace HID 310-400W lamp systems						$110.00	$
T8 (12- to 16-lamp), T8VHO (6-lamp)		Replace HID 750W lamp systems						$135.00	$
T8 (18- to 20-lamp), T8VHO (8-lamp)		Replace HID 1,000W lamp systems						$160.00	$
Compact Fluorescent Fixtures									
Hardwired or Modular - 18W or less		Replace incandescent systems						$10.00	$
Hardwired or Modular - 19W to 32W								$20.00	$
Hardwired or Modular - 33W to 56W								$26.00	$
Screw-Base - 18W or less								$2.00	$
Screw-Base - 19W to 32W								$4.00	$
Screw-Base - 33W to 56W								$6.00	$

Continue to next page to enter additional lighting equipment and Total Rebate Amount

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LIGHTING RETROFIT REBATE CALCULATION TABLE, continued

DESCRIPTION OF INSTALLED EQUIPMENT	NO. OF LAMPS	SPECIFICATIONS	ANNUAL OPERATING HOURS	REMOVED (OLD)		INSTALLED (NEW)		REBATE $/UNIT	*Installed Qty x $/unit* REBATE
				QTY	WATTS/ FIXTURE	QTY	WATTS/ FIXTURE		
Metal Halide and High Pressure Sodium (HPS) Fixtures									
151W to 250W		Replace incandescent, halogen, high pressure sodium, or mercury vapor						$30.00	$
251W or higher								$50.00	$
Ceramic Metal Halide Fixtures									
150W or less		Replace incandescent, halogen, high pressure sodium, metal halide, or mercury vapor						$50.00	$
151W to 250W								$75.00	$
251W or higher								$100.00	$
20-25W Integrated Lamps		Replace 75-150W incandescent or halogen						$20.00	$
Pulse-Start Metal Halide Fixtures									
175W or less		Replace incandescent, halogen, mercury vapor, high pressure sodium, or metal halide						$30.00	$
176W to 319W								$50.00	$
320W to 749W								$75.00	$
750W or higher								$100.00	$
Reflectors (sq ft = _____)		Lamps from existing systems must be permanently removed						$0.50/ sq ft	$
Automatic Controls									
Wall Mount Occupancy Sensor		Permanent installation required						$15.00	$
Ceiling Mount Occupancy Sensor								$40.00	$
Photocell								$15.00	$
LED Exit Signs		Replace incandescent exit signs						$15.00	$
LED Pedestrian and Traffic Signals									
LED Pedestrian Signals - 9"		Replace incandescent pedestrian signals						$25.00	$
LED Pedestrian Signals - 12" or larger								$40.00	$
LED Traffic Balls - 8" red		Replace incandescent traffic balls						$15.00	$
LED Traffic Balls - 8" green								$40.00	$
LED Traffic Balls - 12" red								$25.00	$
LED Traffic Balls - 12" green								$65.00	$
LED Traffic Arrows - 12" red		Replace incandescent traffic arrows						$25.00	$
Other Equipment Not Listed Above (Requires Pre-Approval)									
Installed		***Removed***							
TOTAL REBATE									**$**