

Lighting Retrofit



Your Touchstone Energy® Partner 

2012 Rebate Application

Dakota Electric Association
4300 220th Street West
Farmington, Minnesota 55024

Business Member Information

Company name _____ Date submitted _____
 Billing address _____ City _____ State _____ ZIP _____
 Installation address (if different) _____ City _____ State _____ ZIP _____
 Account number _____
 Contact name (print) _____ Phone _____
 E-mail _____

Vendor Information

Vendor name _____ Vendor contact name _____
 Vendor address _____ City _____ State _____ ZIP _____
 Phone _____ Fax _____
 E-mail _____

The undersigned does hereby certify that 1) The undersigned, and not Dakota Electric Association, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Lighting Retrofit 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 Dakota Electric Association for the work performed and information presented by the member's engineer, contractor or vendor.

Member signature _____ Date _____

How to Apply for This Rebate

1. Rebate funds are limited. Contact rebates@dakotaelectric.com or 651-463-6243 to reserve funds. This is not a guarantee of project approval.
2. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note any warranty, rules or qualifications on page two of this form.
3. Complete and sign rebate forms. Mail or fax pages 1, 4 and 5 to:
Rebates, Dakota Electric Association, 4300 220th Street West, Farmington, MN 55024
Fax number: 651-460-7524

Application # _____



Specific Rules and Qualifications

Dakota Electric Association offers rebates to qualifying members who purchase and install qualifying energy-efficient lighting products in existing 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 the participating member cooperative. Illuminating Engineering Society (IES) light levels are recommended.

1. Fluorescent T8 or T5 Lamps with Electronic Ballast

Rebates based on installed equipment of one-for-one replacement of incandescent fixtures, fluorescent T12 lamps controlled by magnetic ballasts, or other fixture type that produce similar kW savings. Fixture rebate does not include de-lamping T8 - T8 applications (see reflector rebate).

2. Fluorescent Super T8 Lamps with Electronic Ballast

Rebate based on installed equipment of one-for-one replacement of incandescent fixtures, fluorescent T12 lamps controlled by magnetic ballasts, or other fixture type that produce similar kW savings. Super T8 systems must meet the following CEE criteria:

- Lamps must produce at least 3,100 initial lumens; have a color-rendering index of (CRI) ≥ 81 ; have mean lamp lumens of per watt ≥ 90 for instant start ballast or ≥ 88 for programmed rapid start ballast; a lamp life of $\geq 24,000$ hours (at 3 hrs/start); and have lumen maintenance of $\geq 94\%$.
- Ballasts 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 ≤ 0.85)	Normal ($0.85 < \text{BF} \leq 1.0$)	High (BF ≥ 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 ≤ 0.85)	Normal ($0.85 < \text{BF} \leq 1.0$)	High (BF ≥ 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. Low-wattage T8 Lamps

- Rebates are based on the installation of 4-ft T8 lamps 28W or less. Rebate is based on the number of lamps.
- Example A: Replace a 4-lamp 4-ft. T12 fixture with a 4-lamp 4-ft. T8 fixture with 28W T8 lamps; Rebate equals the T12 to T8 fixture retrofit rebate of \$20 plus the low-wattage T8 rebate of \$2.20 ($\0.55×4) for a total rebate of \$22.20.
- Example B: Remove standard 32W 4-ft. T8 lamp from a fixture and install a 28W T8 lamp. Rebate equals \$0.55.

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

- Rebates are based on one-for-one replacement of 400W HID fixtures including mercury vapor, high pressure sodium, metal halide or pulse start metal halide
- High-bay fluorescents T8 6- or 8-lamp fixtures and high-bay fluorescent T5 HO 4-lamp fixtures must meet the following criteria:
 - Total fixture wattage $< 240\text{W}$
 - Initial lumens $\geq 20,000$
 - Lumen maintenance $> 90\%$
 - Fixture efficiency $> 80\%$
 - Fixtures must have reflectors

5. Compact Fluorescent Fixtures (CFLs)

Rebates are based on one-for-one replacement of incandescent fixtures with new hard-wired (dedicated) or modular fixtures containing pin based CFLs. 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 CFLs would be rebated as (1) 36W CFL fixture). Screw based CFLs qualify at lower monetary levels.

6. Industrial Multi-Compact Fluorescent Fixtures

Rebates are based on one-for-one replacement of metal halide or fluorescent T12 lamps controlled by magnetic ballasts.

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

Rebates are based on 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.

8. Pulse-Start Metal Halide (PSMH) Fixtures

Rebates are based on 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.

9. Ceramic Metal Halide Fixtures

Rebates are based on 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.

10. Reflectors

Rebates are for permanently installed reflectors that have a minimum 4-year manufacturer's product warranty, are U.L. approved and result in the permanent removal of fluorescent lamps from the existing fixture.

11. Automatic Controls – Occupancy Sensors, Photocells. One rebate per circuit.

Automatic controls must be permanently installed wall or ceiling mounted, passive infrared, ultrasonic, or dual technology sensors.

12. LED Exit Signs

Rebates are based on one-for-one replacement of the entire incandescent exit sign to LED exit sign. CFL exit signs do not qualify.

Warranty Information

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

Other Important Program Rules

1. Installation must be complete before rebate funds will be issued.
2. Members and vendors must submit itemized equipment invoices, along with rebate application and worksheet, to Dakota Electric Association. To ensure that the equipment installed meets Dakota Electric Association'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 lamps, ballasts and fixtures included in the rebate.
3. Dakota Electric Association reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with Dakota Electric Association to determine whether funding is available and to verify program parameters.
5. Project must comply with all program specific rules and qualifications.
6. The maximum rebate amount shall be the lesser of 50 percent of the project cost or \$100,000.
7. Qualifying members must apply for 2012 rebates no later than November 15, 2012.

Lighting Retrofit 2012 Rebate Application



Business name: _____

Air conditioned (Y/N) _____

Fixture Type			\$/Unit	Quantity	Rebate	Hrs/Yr
Fluorescent T5 Lamps with Electronic Ballasts	≤ 4 ft.	3 and 4 lamp	\$ 21.00		\$	
		1 and 2 lamp	\$ 13.00		\$	
Fluorescent T8 Lamps with Electronic Ballasts	≤ 4 ft.	3 and 4 lamp	\$ 20.00		\$	
		1 and 2 lamp	\$ 12.00		\$	
	5 ft. to 8 ft.	2 lamp	\$ 20.00		\$	
		1 lamp	\$ 12.00		\$	
Fluorescent Super T8 Lamps with Electronic Ballasts	≤ 4 ft.	3 and 4 lamp	\$ 20.00		\$	
		1 and 2 lamp	\$ 12.00		\$	
	5 ft. to 8 ft.	2 lamp	\$ 18.00		\$	
		1 lamp	\$ 10.00		\$	
Low-Wattage Fluorescent Lamps including T8, T5, CFL	≥ 3W Reduction	1 lamp	\$ 0.55		\$	
2-lamp T5HO, 3-lamp T5HO, 4-lamp T8	Replace HID 250W lamp systems		\$ 45.00		\$	
3-lamp T8VHO, 4-6 lamp T5HO, 6-8 lamp T8	Replace HID 310-400W lamp systems		\$ 80.00		\$	
6-lamp T8VHO, 8-lamp T5HO, 12-16 lamp T8	Replace HID 750W lamp systems		\$ 100.00		\$	
8-lamp T8VHO, 10-lamp T5HO, 18-20-lamp T8	Replace HID 1000W lamp systems		\$ 125.00		\$	
Automated control / fixture (photo/motion)	Controls hi-bay fluorescent fixture		\$ 5.00		\$	
Hardwired or Modular Compact Fluorescent Fixtures (does not include screw-base CFLs)	33W to 56W		\$ 26.00		\$	
	19W to 32W		\$ 20.00		\$	
	≤ 18W		\$ 10.00		\$	
Screw-Base Compact Fluorescent Lights	33W to 56W		\$ 6.00		\$	
	19W to 32W		\$ 4.00		\$	
	≤ 18W		\$ 2.00		\$	
Industrial Multi-CFL Fixtures	Replace T12 or metal halide systems		\$ 33.00		\$	
High Pressure Sodium Fixtures	≥ 251W		\$ 55.00		\$	
	151W - 250W		\$ 35.00		\$	
	≤ 150W		\$ 25.00		\$	
Pulse-Start Metal Halide Fixtures	≥ 750W		\$ 80.00		\$	
	320W - 749W		\$ 70.00		\$	
	176W - 319W		\$ 55.00		\$	
	≤ 175W		\$ 35.00		\$	
Ceramic Metal Halide Fixtures	≥ 251W		\$ 75.00		\$	
	151W - 250W		\$ 50.00		\$	
	51W - 150W		\$ 35.00		\$	
	≤ 50W		\$ 25.00		\$	
Reflectors	Must result in permanent removal of lamps from the existing systems.	sq. ft.	\$ 1.00	0	\$	
		sq. ft.	\$ 1.00	0	\$	
Automatic Controls (Must be permanently installed, 1 rebate per circuit)	Photocell		\$ 14.00		\$	
	Ceiling Mount Occupancy Sensor		\$ 40.00		\$	
	Wall Mount Occupancy Sensor		\$ 14.00		\$	
LED Exit Signs	Retrofit Only		\$ 10.00		\$	

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

**Project Cost
Total Rebate

\$
\$

Dakota Electric Association Representative

Date

