



# 2011 New Construction Lighting Rebate Application

[info@federatedrea.coop](mailto:info@federatedrea.coop)

Federated Rural Electric, PO Box 69, Jackson MN 56143 • Ph: 847-3520, 728-8366 or 1-800-321-3520

## Business Member Information

Company name \_\_\_\_\_

Billing address \_\_\_\_\_ Phone \_\_\_\_\_

\_\_\_\_\_

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

Installation address \_\_\_\_\_  
(if different from above)

Federated location # \_\_\_\_\_ Federated member # \_\_\_\_\_

Contact name \_\_\_\_\_ Phone \_\_\_\_\_

Email \_\_\_\_\_

## Vendor Information

Vendor name \_\_\_\_\_

Vendor address \_\_\_\_\_

City, State, ZIP \_\_\_\_\_

Vendor Contact Name \_\_\_\_\_ Phone \_\_\_\_\_

Email \_\_\_\_\_

The undersigned does hereby certify that 1) The undersigned, and not the cooperative, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the New Construction 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 the cooperative for the work performed and information presented by the member's engineer, contractor or vendor. Federated Rural Electric will be referred to hereafter in this application as "the cooperative".

Member signature \_\_\_\_\_ Date \_\_\_\_\_

## How to Apply for This Rebate

1. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note all warranty information, rules, and qualifications on the rules and information tabs of this form.
2. Complete and sign rebate forms. Mail or fax pages to Federated Rural Electric. ATTN: Jon.
3. Call with questions.

Application # \_\_\_\_\_

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### Specific Rules and Qualifications

The cooperative offers rebates to qualifying members 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.

#### 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.

### 3. Low-wattage T8 Lamps

- 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 < 240W
- Lumen maintenance >90%
- Initial lumens  $\geq 20,000$
- Fixtures must have reflectors
- Fixture efficiency >80%

#### 5. Compact Fluorescent Fixtures (CFLs)

- Rebates are available for 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 (integral) CFLs do not qualify.

#### 6. High Pressure Sodium (HPS)

##### Fixtures

- Rebate is based on installation of HPS fixtures less than or equal to 150W.

#### 7. Pulse Start Metal Halide (PSMH) Fixtures

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

#### 8. Ceramic Metal Halide Fixtures

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

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

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### **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.

### **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 the cooperative. 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 lamps, ballasts and fixtures included in the rebate.
3. The cooperative reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with the cooperative to determine whether funding is available and to verify program parameters.
5. Rebate 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 2011 rebates no later than November 30, 2011.

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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 High-bay Fluorescent T5 HO Lamps with Electronic Ballasts	4 ft	6 and 8 lamp	\$15.00		0.00	
	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	
High Pressure Sodium	≤ 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 <b>(Must be permanently installed)</b>	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** \$

Federated Rural Electric Representative

Date