

**Dakota Energy Cooperative, Inc.**  
**POLICY STATEMENT**

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Subject: Energy Efficient Lighting Incentives

Policy No. 53

Issue Date: July 21, 2010

Revised Date:

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**Objective:**

To establish a program for replacement of inefficient lighting systems and take advantage of East River Electric's incentive program.

**Policy:**

Dakota Energy will pay incentives, up to \$500, with a match from East River Electric for the replacement of inefficient lighting systems in non-residential installations.

1. The incentive is for replacement lighting systems only.
2. The incentives will be calculated according to the attached schedule.

**Responsibility:**

The General Manager shall be responsible for the administration of this policy.

APPROVED: \_\_\_\_\_

  
Secretary

# LIGHTING INCENTIVE APPLICATION INSTRUCTIONS

## ELIGIBILITY

- Energy efficient lighting incentives are available to commercial and agricultural retail customers.
- These incentives are for replacement lighting systems only.

## REQUIREMENTS AND CRITERIA

- The replacement lighting must be installed at a location served by the Cooperative.
- Once project is complete, an application along with a dated and itemized invoice with quantity, manufacturer, model number and cost for each piece of equipment must be submitted within 60 days of completion in order to receive an incentive payment.
- Project completion and invoice submission shall be within two months of completion of work. Any project completed/invoiced after two months may no longer be funded.
- The maximum rebate amount will be \$1,000 per building.
- Incentives are funded 50% by the Cooperative and 50% by East River Electric.
- Please allow 45 days for delivery of incentive.
- CFLs and GU-24 must be ENERGY STAR® labeled in order to qualify for any incentive.
- Replaced equipment must be removed from service with any and all hazardous waste components recycled.
- Equipment must be installed and operating prior to submission of application.
- The minimum rebate that will be processed is \$50.

## HOW TO APPLY

1. Complete the following rebate application.
2. Attach a dated and itemized invoice with quantity, manufacturer, model number and cost for piece of equipment for which you are requesting a rebate.
3. Return completed application and supporting documentation to:

# LIGHTING INCENTIVE APPLICATION FORM

For Cooperative use only

Date
Rebate Number

PART I: CUSTOMER INFORMATION			
Company Name		Facility Type: <input type="checkbox"/> Warehouse <input type="checkbox"/> Office <input type="checkbox"/> Ag Production <input type="checkbox"/> Animal Confinement Other: _____	
Facility Address			
Mailing Address – Same as facility address <input type="checkbox"/>			
Contact Person	Title	Phone Number	

PART II: SYSTEM INFORMATION		Complete the table with information concerning both the old & replacement lighting system(s). The gray lines are for the old system; the white lines are for the corresponding replacement system. See example.					
A. Type of Fixture	B. # of Fixtures	C. Watts per Fixture	D. Total Wattage of System (B × C)	E. Annual Hours of Operation	F. Annual kWh (D × E)/1000	G. kWh Rate	H. Annual Energy Cost F × G
<b>Ex.</b> a. Old system 400 watt HID	3	400	1200	4445	5334	\$.10	\$533.40
b. Replaced With 4 lamp, 54W T5HO Fluorescent High Bay	3	216	648	4445	2880	\$.10	\$288.00
<b>1</b> a. Old system							
b. Replaced With							
<b>2</b> a. Old system							
b. Replaced With							
<b>3</b> a. Old system							
b. Replaced With							
<b>4</b> a. Old system							
b. Replaced With							

PART III: SUBTOTALS	Old System (total of gray lines)	B(a)		D(a)		F(a)		H(a)
Add the numbers in the corresponding columns from Part II to calculate totals for both the old & new replacement system(s).	New System (total of white lines)	B(b)		D(b)		F(b)		H(b)

PART IV: REBATE AMOUNT	Wattage Difference D(a) – D(b) =		x	\$0.20	=	Rebate Amount
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<b>PART V: SAVINGS CALCULATIONS</b>		Using the subtotals from Part III, follow the formulas to calculate savings.	
<b>1</b>	Total Wattage Difference $D(a) - D(b)$		<b>Savings Without Incentive</b>
<b>2</b>	Total Annual kWh Difference $F(a) - F(b)$	Simple Payback Period ( $Line\ 4 \div Line\ 3$ )	years
<b>3</b>	Annual Savings $H(a) - H(b)$	Return on Investment ( $Line\ 3 \div Line\ 4 \times 100$ )	%
<b>4</b>	Project Cost ( <i>your total project costs</i> )		<b>Savings With Incentive</b>
<b>5</b>	Rebate Amount	Simple Payback Period ( $Line\ 6 \div Line\ 3$ )	years
<b>6</b>	Adjusted Project Cost ( $Line\ 4 - Line\ 5$ )	Return on Investment ( $Line\ 3 \div Line\ 6 \times 100$ )	%
<b>7</b>	Annual Reduction in CO <sub>2</sub> Emissions ( $Line\ 2 \times 1.34$ )*		lbs. of CO <sub>2</sub>

\*Based on United States average emissions from electricity sources of 1.34 lbs. of CO<sub>2</sub> per kWh. Source: Department of Energy's Energy Information Administration

**I certify that the information provided on this application is true and correct to the best of my knowledge.**

Signature	Date
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**General Terms and Conditions**

- The Cooperative reserves the right to verify sales transactions and inspect projects.
- The Cooperative reserves the right to install a metering device on existing and new equipment to verify energy savings.
- Incentives are available on a first come, first served basis. The program is subject to change or cancellation without notice.
- The Cooperative reserves the right to limit incentives. Refer to specific program applications for established incentive limits.
- Submitting incomplete or missing information will delay processing of the incentive.
- Incentives are for the replacement of inefficient lighting systems in nonresidential installations. East River will provide 10¢ per watt saved and the member system must provide at least 10¢ per watt saved toward the incentives.
- The customer/contractor certifies that each energy efficiency measure complies with all federal, state and local safety, building and environmental codes.
- The Cooperative is granted the right to publicize your participation in the program, unless you specifically state otherwise in writing.
- Falsifying any information may lead to cancellation of this and future incentive applications, a claim by the Cooperative for the return of any incentive payments, and/or the exercise by the Cooperative of available legal remedies.