

# Commercial Lighting

## REBATE PROGRAM 2014 - 2015

### INTRODUCTION

Businesses in the Northwest have discovered enormous opportunities for saving money by improving lighting systems in commercial buildings, where lighting can consume up to 40% of the electrical costs. New energy efficient lighting technologies save energy, adding money to your bottom line. Plus, new or updated lighting can improve employee comfort and productivity, enhance your property value and reduce maintenance costs.

With rebates through NorthWestern Energy's Efficiency Plus (E+) Commercial Lighting Program, you can see significant improvement by changing to efficient lighting in your existing building. NorthWestern also considers rebates for specialized lighting in new construction on a case-by-case basis. Keep in mind that funding for NorthWestern Energy rebates is limited. Get written pre-approval in advance of installation to assure rebate payment. This is required.

A few tips before getting started to maximize performance and energy savings:

- Read the product literature or discuss its content with your vendor when choosing lighting products.
- Compare bids of multiple vendors/contractors to include price, product, service, product performance characteristics and manufacturer warranty.
- Use appropriate lamps and ballasts for your application and to comply with installation codes and regulations.
- For your protection, NorthWestern Energy recommends you do business only with licensed and insured vendors, contractors, electrician and installers.

Rebates Effective July 1, 2014

1. Apply for a lighting rebate by completing this application and attaching:

- A copy of your lighting project bid to include itemized project description, itemized purchase costs and vendor/contractor information.
- A copy of your NorthWestern Energy electric bill.

2. Return the completed application and attachments by fax, e-mail or postal mail to:

**NorthWestern Energy**  
**Attn: C-EX-NC-E-L**  
**P.O. Box 1167, Helena, MT 59624**  
**Fax: (800) 823-5885**  
**E-mail: [nwecommercialrebates@dnvgl.com](mailto:nwecommercialrebates@dnvgl.com)**

3. When you receive the NorthWestern Energy Project Agreements, please sign and return both copies.

4. NorthWestern Energy's program administrator (DNV GL) will sign the Project Agreements and return a copy along with a letter confirming the project has been PRE-APPROVED for the rebate program. Once you have received the signed and completed contract from NorthWestern Energy, you may proceed with the proposed project installation.

- Please note that should the proposed project be changed, you need to modify the contract. Please contact NorthWestern Energy Efficiency Plus (E+) Programs at (800) 823-5995.

5. When the project is complete, send notification **in writing** with a copy of your final project invoice(s) and a completed W-9 form to the address above or fax to (800) 823-5885. Approved projects may be inspected by a program representative.

6. Please verify your mailing address on the application. Your rebate check will be mailed to you in four to six weeks.

## COMMERCIAL RETROFIT REBATE TABLE- EFFECTIVE JULY 1, 2014

Equipment Description*	Rebate	Qualifier
One or Two Lamp Fixture 1/1, 2/1 (Lamp/Ballast)	\$ 8.00/fixture	Fully Electronic Ballast
Three Lamp Fixture 3/1, 3/2 (Lamp/Ballast) **	\$ 10.00/fixture	Fully Electronic Ballast
Four Lamp Fixture 4/1, 4/2 (Lamp/Ballast)	\$ 12.00/fixture	Fully Electronic Ballast
T-8 lamp 4 foot	\$ 1.00/lamp <sup>1</sup>	
T-8 lamp 8 foot	\$ 2.00/lamp	
T-8 HO lamp 8 foot	\$ 6.00/lamp	
MV, HPSV or MH to T-5 HO or T-8	\$ 0.50/Watt saved	****On Approved Design
Other Approved Lighting Retrofits	\$ 0.10/Watt saved	****On Approved Design
Compact Fluorescent Lamp (CFL) • Integral (screw-in) or Modular *** • Hard-Wired CFL Fixture ***	\$ 1.00/lamp \$ 5.00/lamp	ENERGY STAR® approved Replaces an incandescent lamp of no more than four times the CFL Wattage.
LED Solid State White Lighting for Exterior Landscape, Signage & Structure Only. (This rebate measure only applies to lighting not addressed by the Illuminating Engineering Society of North America (IESNA) standards or adopted code.)	\$ 0.20/Watt saved	Must be listed on ENERGY STAR qualified commercial LED lighting list or DesignLights consortium or Seattle Lighting Design Laboratory lists of qualifying LED products.
LED Face Exit Sign	\$ 15.00/sign	
High Efficiency Lighting Fixtures/Design – Existing to Code	\$ 0.40/sq ft of retrofit area	Code Required Lighting Power Density And Control Strategies. Lighting Design Required. <sup>2, 3, 4, 5</sup>
High Efficiency Lighting Fixtures/Design	\$ 0.05/sq ft of retrofit area	Lighting Power Densities Better than Code Requirements by 15%. Lighting Design Required. <sup>2, 3</sup>
High Efficiency Lighting Fixtures/Design	\$ 0.15/sq ft of retrofit area	Lighting Power Densities Better than Code Requirements by 20%. Lighting Design Required. <sup>2, 3</sup>
High Efficiency Lighting Fixtures/Design	\$ 0.25/sq ft of retrofit area	Lighting Power Densities Better than Code Requirements by 25%. Lighting Design Required. <sup>2, 3</sup>
Photocell	\$ 40.00/unit	Exterior Lighting Only.
Time Clock Controls	\$ 0.01/Watt controlled	
Occupancy Sensor or Sweep Control Sensor rebates are available for installations where no lamp retrofit took place. Sensor rebates are available for lamp retrofit projects using the post retrofit Wattages.	\$ 0.10/Watt controlled \$ 0.09/Watt controlled \$ 0.08/Watt controlled \$ 0.07/Watt controlled \$ 0.06/Watt controlled \$ 0.05/Watt controlled	Lighting Wattage Controlled 100-300 Watts 301-400 Watts 401-600 Watts 601-1000 Watts 1001-3000 Watts more than 3000 Watts
Daylighting Controls - Dimming-Continuous, Fluorescent Fixtures Continuous Dimming, Fluorescent Fixtures (Day-Lighting)	\$ 0.30/sq ft of dimmable building area	Must be within 15 ft of daylighting source.

1 An additional \$ 0.10/Watt saved compared to a standard 32 Watt T-8 lamp will be applied for low-Wattage T-8 lamps. Low-Wattage T-8 lamps typically produce lower lumen levels compared to standard T-8 lamps.

2 Must follow prescriptive checklist, COMcheck is not acceptable.

3 Measure applied to entire building interior.

4 Existing building interior lighting must have no automated lighting controls during occupied hours.

5 Existing building must have a lighting power density (LPD)  $\geq$  140% of 2009 IECC LPD requirements.

\*Other lighting applications may apply. Program updates are available at: [www.NorthWesternEnergy.com/Eplus](http://www.NorthWesternEnergy.com/Eplus).

\*\*Tandem wired fixture using one ballast for two fixtures count as one fixture.

\*\*\*Only ENERGY STAR rated CFLs are eligible for rebate. For a current qualified list see [www.energystar.gov](http://www.energystar.gov) and follow the path for CFL lighting.

\*\*\*\* Difference in total Wattage between equipment removed and equipment installed.

Lights should be used in excess of 1,000 hours per year to justify the retrofit expenditure.

To manage program costs, rebate applications are only accepted where the rebate amount of the project is at least \$50.00. Rebates will not be provided for lamps or fixtures placed in stock in excess of 5% of installed equipment. For appropriate fluorescent lamp disposal see: [www.lamprecycle.org](http://www.lamprecycle.org). Funding is limited. This program is subject to change or termination without notice.

- Incentives/Rebates are not to exceed cost, whichever is less.
- Written pre-approval is required in advance of installation to assure rebate payment. We reserve the right to pre-inspect projects and to verify any equipment installation within two years of the project completion.
- NorthWestern Energy or its agents do not sell energy conservation products directly to customers.
- NorthWestern Energy does not endorse or recommend any specific manufacturer, brand or model of energy conservation products. Energy efficiency projects designed to the appropriate IESNA standards provide quality lighting levels. NorthWestern Energy recommends all projects be designed and installed to IESNA standards.

## COMMERCIAL NEW CONSTRUCTION REBATE TABLE- EFFECTIVE JULY 1, 2014

Equipment Description*	Rebate	Qualifier
Compact Fluorescent Lamp (CFL) • Hard-Wired CFL Fixture ***	\$ 5.00/lamp	ENERGY STAR® approved Replaces an incandescent lamp of no more than four times the CFL Wattage.
High Efficiency Lighting Fixtures/Design	\$ 0.05/sq ft of area	Lighting Power Densities Better than Code Requirements by 15%. Lighting Design Required. <sup>2, 3</sup>
High Efficiency Lighting Fixtures/Design	\$ 0.15/sq ft of area	Lighting Power Densities Better than Code Requirements by 20%. Lighting Design Required. <sup>2, 3</sup>
High Efficiency Lighting Fixtures/Design	\$ 0.25/sq ft of area	Lighting Power Densities Better than Code Requirements by 25%. Lighting Design Required. <sup>2, 3</sup>
LED Solid State White Lighting for Exterior Landscape, Signage & Structure Only. (This rebate measure only applies to lighting not addressed by the Illuminating Engineering Society (IESNA) standards or adopted code.)	\$ 0.20/Watt saved	Must be listed on ENERGY STAR qualified commercial LED lighting list or DesignLights consortium or Seattle Lighting Design Laboratory lists of qualifying LED products.
Install T-5 HO or T-8 instead of MV, HPSV or MH	\$ 0.50/Watt saved	****On Approved Design

# APPLICATION

On-line applications are available at [www.NorthWesternEnergy.com/Eplus](http://www.NorthWesternEnergy.com/Eplus)

## CUSTOMER INFORMATION: (Please print, complete all the requested information, and sign.)

Facility Name: \_\_\_\_\_ Account No.: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_ Phone: (    ) \_\_\_\_\_  
 Installation Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Tax I.D. No.: \_\_\_\_\_ Incorporated  Sole Proprietor  Partnership   
 E-mail: \_\_\_\_\_ Estimated Project Completion Date: \_\_\_\_\_

## VENDOR/CONTRACTOR/CONSULTANT INFORMATION (required)

Vendor/Contractor Name: \_\_\_\_\_  
 Phone: (    ) \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Lighting Consultant (if applicable): \_\_\_\_\_  
 Project Cost: \_\_\_\_\_  
 Customer Name (Print): \_\_\_\_\_

CUSTOMER SIGNATURE: \_\_\_\_\_  
 (must sign)

### E+ Commercial Lighting Rebate Project Description

<input type="checkbox"/> EXISTING CONSTRUCTION:		<input type="checkbox"/> NEW CONSTRUCTION		
# Removed	Description	# of hours on/week	wattage per fixture	
3	<b>(example)</b> two 40 Watt 4' tubes with one standard magnetic ballast	80	94	
2	<b>(example)</b> four 34 Watt 4' tubes with two energy saving magnetic ballasts	75	144	
Units Installed: (follow examples below)				
# Installed	Description	# of hours on/week	wattage per fixture	
3	<b>(example)</b> two 32 Watt 4' T-8 lamps with one electronic ballast	80	59	
2	<b>(example)</b> four 32 Watt 4' T-8 lamps with one electronic ballast	75	112	
Units Installed: Occupancy Sensor (OC) and Photocell (PC) only: (follow examples below)				
# Installed	Description	# of hours on/week w/o OC (OC only)	% of hours off/week with OC (OC only)	actual wattage controlled per device (OC or PC)
1	<b>(example)</b> occupancy sensor (OC) wall switch mounted	75	30%	224
1	<b>(example)</b> Photocell (PC) for two 400 Watt exterior metal halide fixtures	NA	NA	910

# NORTHWESTERN ENERGY EFFICIENCY PLUS (E+) PROGRAM CONTACTS

## E+ Commercial Rebates for Existing Buildings or New Construction

NorthWestern Energy offers rebates for lighting, motor rewinds, office equipment, HVAC, VFDs, refrigeration and other electrical or natural gas efficiency measures.

Phone: 800-823-5995 | Fax: 800-823-5885 | E-mail: [nwecommercialrebates@dnvgl.com](mailto:nwecommercialrebates@dnvgl.com)

## E+ Appraisal for Small Businesses

With a free energy appraisal, learn where to start saving energy and money at the same time. The appraisal identifies electric conservation opportunities for small commercial customers that have an average peak demand of 300 kW or less.

Phone: 800-823-5995

## E+ Business Partners

Here you'll find customized incentives for commercial and industrial customers for electric and natural gas conservation.

Phone: 888-700-6878

## E+ Renewable Energy

This program offers incentives for qualifying solar, wind and other renewable generation projects. Phone: 888-467-2669

## ENERGY EFFICIENCY RESOURCES

These websites and contacts will provide you with the latest news on energy efficiency. Because technology is evolving, be sure to refer to our website often for the latest information.

### NorthWestern Energy E+ Programs [www.NorthWesternEnergy.com/Eplus](http://www.NorthWesternEnergy.com/Eplus)

Visit our website for a complete listing of all NorthWestern Energy's E+ Programs Montana commercial, industrial, residential and agricultural customers.

Be sure to register for NorthWestern Energy's Energy Solutions electronic newsletter for great tips, ideas and trends. Features utility-sponsored training opportunities and up-to-date information on current energy issues and technologies.

### ENERGY STAR® [www.energystar.gov](http://www.energystar.gov)

Use tools and resources that include free programs such as Portfolio Manager to assist your organization in meeting its energy performance goals. Expert help and training opportunities.

### Database of State Incentives for Renewables & Efficiency (DSIRE) [www.dsireusa.org](http://www.dsireusa.org)

Look at DSIRE for a comprehensive source of information on state, local, utility and federal incentives and policies that promote renewable energy and energy efficiency.

### NEEA's BetterBricks Initiative [www.betterbricks.com](http://www.betterbricks.com)

Find expert assistance with your energy strategies. Explore small to large business energy issues and opportunities through case studies and utility sponsored training opportunities.

Don't forget our online energy efficiency tools. Find tips, ideas and tools to help you make smart energy saving decisions. Visit [www.NorthWesternEnergy.com/Eplus](http://www.NorthWesternEnergy.com/Eplus) for the most up-to-date information on E+ rebate programs.

