

# Lighting Projects Application

Name	Mailing Address	Building Age (Yrs)
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**ABOUT THE LOANS**

Dollar and Energy Saving Loans can finance the purchase of replacement fluorescent lamps, high intensity discharge lamps, LED lighting, exit signs, light fixtures, lighting controls, traffic signals and ceiling fans.

**To qualify for Dollar and Energy Saving Loans, the total connected watts of the proposed lighting replacement system must be at least 15 percent less than the total connected watts of the existing lighting system.**

Eligibility for compact fluorescent lamps, exit signs, residential light fixtures, traffic signals and ceiling fans is also based on ENERGY STAR® certification. ENERGY STAR® certified products provide energy efficient choices that can save on your energy bill with similar savings of greenhouse gas emissions, without sacrificing features, style or comfort. You can ensure that the replacement products you are considering are ENERGY STAR® certified by verifying the manufacturer and model numbers in the lighting products section at <http://www.energystar.gov>

**LIGHTING PROJECTS**

Use the spreadsheet layout on pages 2 and 3 to describe both the existing lighting, and the proposed new lighting. Both the existing lighting and proposed new lighting must be described in detail. Your contractor's bid must provide a detailed list of the proposed lighting, and must include all of the information required on pages 2 and 3 for the proposed and existing lighting.

For existing lighting, you must provide the following information per instructions **Lines 1-5**.

**EXISTING LIGHTING EQUIPMENT DESCRIPTION FOR IMPROVEMENTS LINES 1-7**

Lamp Type: <input type="checkbox"/> Hologen <input type="checkbox"/> Incandescent <input type="checkbox"/> Mercury Vapor <input type="checkbox"/> Fluorescent <input type="checkbox"/> Other _____	Lamp Watts	Lamps per Fixture	Number of Fixtures	Total Watts of Old System
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- To complete this section you must;
1. Place a check mark in each box that applies for the lamp types of the old system under "Lamp Type."
  2. Total the number of watts from the column on page 3 under Existing Lighting titled Total Watts. This then is the "Total Watts of Old System."
  3. Total the number of fixtures from the column on page 3 under Existing Lighting titled Total Fixtures. This then is the "Number of Fixtures."
  4. Total the number of lamps from the column on page 3 under Existing Lighting titled Total Lamps. Divide the total number of lamps by the Number of Fixtures. This then is the "Lamps per Fixture."
  5. Divide the Total Watts of Old System by the total number of lamps. This then is the "Lamp Watts". This number can also be found by dividing the Total Watts of the Old System by the product of the Number of Fixtures multiplied by the Lamps per Fixture.

An [electronic version of a spreadsheet](#) layout is available online, and may be used in lieu of pages 2 and 3. If using the online spreadsheet the user must write on pages 2 and 3, "See attached copy of online spreadsheet."

**PROPOSED CONTROL AND GAS LIGHT IMPROVEMENTS**

<b>6</b> <input type="checkbox"/> Controls	Photocell Manufacturer and Model Number  Occupancy Sensor Manufacturer and Model Number  Timeclock Manufacturer and Model Number	Number of Controls  Number of Controls  Number of Controls	\$ (Include Tax and Labor)
<b>7</b> <input type="checkbox"/> Convert Gas Light to Electric (New light must have manual and photocell controls)	Describe Lights Converted	Number of Lights	\$ (Include Tax and Labor)
<b>8</b> <input type="checkbox"/> New Lighting	Provide the Total Cost of Lighting Shown on Pages 2 and 3		\$ (Include Tax and Labor)

**Total of Lines 6 Through 8 (Including Tax and Labor) ..... \$**

**You may NOT contract for or undertake the project you propose in this application prior to the Nebraska Department of Environment and Energy signing a Commitment Agreement (FORM 10) with your lender to participate in the loan.**

**If you do so, you will lose your eligibility to finance the project with a low interest loan.**

You may accept a bid, contingent on NDEE's signed commitment of funding, to lock in the price, but you may not proceed with the work or contractually obligate yourself to proceed until your lender notifies you that NDEE has signed the Commitment Agreement on your loan.

ATTENTION! – This spreadsheet is available online at [www.neo.ne.gov/loan/form4pg2-3.xlsx](http://www.neo.ne.gov/loan/form4pg2-3.xlsx) and may be used to replace pages 2 and 3. Note on these pages if you have used the online spreadsheet. Fill out form completely. Type or print clearly.

FORM





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Job or Customer Name:

Address:

PAGE 2 OF 4

**PROPOSED LIGHTING:  
Description of Improvements**

Type(s) of Improvement(s)	Lamp Manf. & Code for CFL's. Lamp Manf. for Full Sized Fluorescents, HID's & LED's. Manf. & Brand Name for Exit Signs, Residential Light Fixtures, Traffic Signals, & Ceiling Fans.	Model No. & Type for CFL's. Lamp Code for Full-Size Fluorescent, HID's & LED's. Model No. for Exit Signs, Residential Light Fixtures, Traffic Signal, & Ceiling Fans.	Ballast Manufacturer	Ballast Model Number	Fixture Manufacturer. Fixture Type for Residential Fixtures. Model Name for Ceiling Fans.
Compact Fluorescent (CFL) 					
Full Sized Fluorescent (T-8, T-5, Induction)					
High Intensity Discharge & LED Lighting/Street Lights					
LED Exit Signs					
ENERGY STAR® Residential Light Fixtures 					
Traffic Signals 					
ENERGY STAR® Ceiling Fans 					




**EXISTING LIGHTING:**

Lamp Type:	Brief Description				
Incandescent					
Mercury Vapor					
Hologen					
Flourescent					
Other - LIST BELOW					

A. Sum of Total Watts EXISTING "Total Watts of Old System" <sup>2</sup>	B. Sum of Tatal Watts PROPOSED <sup>2</sup>	REDUCTION of Connected Watts of Connected Watts "A" Minus "B"	PERCENT REDUCTION of Connected Watts <sup>1</sup>	Estimated Total Cost of Proposed Lighting	C. Total Existing "Number of Fixtures" =	D. Total Existing Lamps =

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**PROPOSED LIGHTING:  
Description of Improvements (continued)**

Type(s) of Improvement(s)	Fixture Model Number	Lamp Watts	Lamps per Fixture	Number of Fixtures	Number of Ballasts	Input Ballast Factor if Applicable. Electronic or No Ballast=1.00, Magnetic=1.15	Total Lamps	Total Watts <sup>2</sup>	Estimated Cost Including Tax and Labor
Compact Fluorescent (CFL)									
Full Sized Fluorescent (T-8, T-5, Induction)									
High Intensity Discharge & LED Lighting/Street Lights									
LED Exit Signs 									
ENERGY STAR <sup>®</sup> Residential Light Fixtures 									
Traffic Signals									
ENERGY STAR <sup>®</sup> Ceiling Fans 									

**EXISTING LIGHTING:**

Lamp Type:	Lamp Watts	Lamps per Fixture	Number of Fixtures	Ballast Factor (see above)	Total Lamps	Total Watts <sup>2</sup>
Incandescent						
Mercury Vapor						
Hologen						
Flourescent						
Other - LIST BELOW						

E. Existing "Lamps Per Fixture" (D/E) =	F. Existing "Lamp Watts" (A/D or A/(Cx E)) =

**Footnotes:**

1. Percent Reduction is Equal to; Total Existing Watts, Minus the Total Proposed Watts, Divided by the Total Existing Watts, times 100 percent.
2. Watts are Equal to Lamp Watts, Multiplied by the Lamps per Fixture, Multiplied by the Number of Fixtures, Multiplied by the Ballast Factor.

**FUEL SUPPLIERS**

(If you have already completed FORM 1, 2 or 3, do not complete the section below)

Energy Source	Utility or Supplier	Mailing Address	Phone Number	Account No.
Electricity <input type="checkbox"/> Check here if all electric	<input type="checkbox"/> *			
<input type="checkbox"/> Natural Gas or <input type="checkbox"/> Propane	<input type="checkbox"/> *			
Other (Specify)	<input type="checkbox"/> *			
Other (Specify)	<input type="checkbox"/> *			

\* Mark this box if the utility account is not in your name. Then attach the appropriate completed Form 35(s).

**Signature**

I hereby authorize the Nebraska Department of Environment and Energy to obtain energy consumption, cost and billing information from the energy suppliers listed above. This information may include past and present as well as future consumption, cost and billing patterns. I also certify all the information supplied above is true and correct to the best of my knowledge and belief and I have read and understand the instructions. I will permit my lender and NDEE, as they deem necessary, to have access to the subject property and records in order to make on-site inspections of the improvements or replacements which have been financed under the program. The work described above will be completed within 5 months after my lender receives a signed commitment from NDEE.

**sign  
here**

Signature \_\_\_\_\_

Date \_\_\_\_\_

**INSTRUCTIONS**

**WHO MAY APPLY.** Only legal residents of Nebraska may apply for loans. A legal resident is a Nebraska taxpayer, a Nebraska-chartered corporation, a subdivision of Nebraska government or a person who has maintained a permanent residence and lived in the state for more than six months.

Residency requirements may differ for ENERGY STAR® business or non-profit partners.

**GETTING BIDS.** You should get bids or quotes first, so you will have them available for your lender. Your bid should contain all of the information about your proposed lighting that is required of this application form. Your bid should also contain all of the information about your existing lighting that is required of this application form. Your bid should show the manufacturers, model numbers, quantities, and wattages of both the proposed, and existing lighting. You should provide your contractor with a copy of this application when requesting a quote.

**WHERE TO FILE.** Take this form and any accompanying bids or quotes to your participating lender for loan processing. If the lender of your choice is not participating in this program, you may view other eligible lenders by visiting NDEE website at [neo.ne.gov/loan/index.html](http://neo.ne.gov/loan/index.html), or you may contact us for assistance in finding a lender.

**FOR INFORMATION CONTACT NDEE:**

[energy@nebraska.gov](mailto:energy@nebraska.gov)

PO Box 98922

Lincoln, NE 68509

(402) 471-2186 or (877) 253-2603

<https://neo.ne.gov/programs/loans/loans.html>

**SPECIFIC LINE INSTRUCTIONS**

**NAME, ADDRESS and BUILDING AGE.** Print or type your name and mailing address in the space provided. If the lighting system improvements are to be installed in or attached to a building, give the age of the building in years. Otherwise, mark "NA". These improvements may not be installed in a building which is less than five years old.

**EXISTING LIGHTING EQUIPMENT DESCRIPTION.** See page 1 of 4, lines 1 through 5 for instructions, and describe completely on pages 2 of 4 and 3 of 4.

**PROPOSED ENERGY EFFICIENCY IMPROVEMENTS.**

Fill in each of the open boxes on pages 2 of 4 and 3 of 4 that are associated with the type of proposed lighting shown in the left hand column of those pages. If you are replacing the lamps and ballasts in existing fluorescent fixtures, you would identify the lamp and ballast manufacturers and model numbers and the number of each to be installed, and then would mark "NA" for the fixture manufacturer but still total the number of fixtures. On the other hand, if you are installing new fluorescent fixtures, you would complete the same information as above, but also identify the manufacturer, model number and number of new fixtures to be installed. To qualify for Dollar and Energy Saving Loans, the total connected watts of the proposed lighting system must be at least 15 percent less than the total connected watts of the existing lighting system. **WARNING:** When replacing street lights with LEDs on state highways, the applicant must obtain and provide a letter of approval from the State of Nebraska Department of Roads.

**Line 6.** Provide the requested information for each of the controls you propose to install on the existing or modified lighting system.

**Line 7.** Provide the requested information. Make sure the electric light has both manual and automatic (photocell) controls.

**Line 8.** Provide the total cost for all new lighting shown on pages 2 and 3, including tax and labor.

**FUEL SUPPLIER.** If you have not completed this information on a Form 1, 2 or 3, provide the name, mailing address, telephone number and your account number for your electricity utility and each of the fuel suppliers serving this address. If the only energy source for the building is electricity, check the box provided. If an account is not in your name, then check the box and attach a completed Form 35 with the information for that fuel supplier. (This might happen where a landlord is seeking a loan, but the tenant pays the energy bill.)

**SIGNATURE.** Sign and date this application and attach cost quotes and/or contractor's proposals for all the improvements described on this form. Take this application to the local lending institution of your choice to apply for a Dollar and Energy Saving Loan.

**SUBMIT THIS COMPLETED FORM AND BIDS OR PRICE QUOTES TO A PARTICIPATING LENDER**

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