

# 2022 Lighting and Lighting Controls Application



**Consumers Energy**  
Business Energy Efficiency Programs

**Consumers Energy**

*Count on Us®*

## Applicant Information

Type of Application: ☐ Retrofit Project ☐ New Construction Consumers Energy Advisor (if known) \_\_\_\_\_

Who is the primary contact? ☐ Customer ☐ Technical Contact Consumers Energy Account Manager (if known) \_\_\_\_\_

Include a secondary contact in communications? ☐ Customer ☐ Technical Contact

This is my: ☐ Pre-Notification Application ☐ Final Application ☐ Revised Application **PROJECT # CE-22-** \_\_\_\_\_

### How did you hear about us?

- |                                    |  |   |   |
|------------------------------------|--|---|---|
| <input type="checkbox"/> Radio     | <input type="checkbox"/> Internet          | <input type="checkbox"/> Direct Mail    | <input type="checkbox"/> Consumers Energy Account Manager |
| <input type="checkbox"/> TV        | <input type="checkbox"/> Email             | <input type="checkbox"/> Sporting Event | <input type="checkbox"/> Energy Advisor                   |
| <input type="checkbox"/> Billboard | <input type="checkbox"/> Prior Participant | <input type="checkbox"/> Contractor     | <input type="checkbox"/> Other _____                      |

### Customer Information (Required for All Applications)

Company Name (as it appears on Consumers Energy bill) \_\_\_\_\_

Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Mailing Address \_\_\_\_\_

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

Phone \_\_\_\_\_ Email \_\_\_\_\_

We will use your email address solely to provide timely information about the Consumers Energy Business Energy Efficiency Programs and your projects.

Consumers Energy Natural Gas Account Number (at Project Location)

Consumers Energy Electric Account Number (at Project Location)

### Primary Business Type

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Agriculture       | <input type="checkbox"/> Heavy Industrial   | <input type="checkbox"/> Hotel           | <input type="checkbox"/> Big Box Retail           |
| <input type="checkbox"/> Auto Repair       | <input type="checkbox"/> Light Industrial   | <input type="checkbox"/> Motel           | <input type="checkbox"/> Small Retail             |
| <input type="checkbox"/> Biotech           | <input type="checkbox"/> High School        | <input type="checkbox"/> Large Office    | <input type="checkbox"/> Full Service Restaurant  |
| <input type="checkbox"/> Convenience Store | <input type="checkbox"/> School (K-8)       | <input type="checkbox"/> Small Office    | <input type="checkbox"/> Quick Service Restaurant |
| <input type="checkbox"/> Grocery           | <input type="checkbox"/> University/College | <input type="checkbox"/> Religious       | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Data              | <input type="checkbox"/> Hospital           | <input type="checkbox"/> Public Assembly | <input type="checkbox"/> Other _____              |
- Facility Size (Area) \_\_\_\_\_ ft<sup>2</sup>

### Customer Tax Information (Required for All Applications)

**Tax Status\*\*:** ☐ Individual/Sole proprietor single-member LLC ☐ C Corporation ☐ Partnership ☐ LLC Enter Tax Classification \_\_\_\_\_

☐ S Corporation ☐ Trust/Estate ☐ Other \_\_\_\_\_

**Tax ID Number:** Please provide your EIN/Federal Tax ID below.

EIN/Federal Tax ID  -

### Exemptions

Payee Code \_\_\_\_\_ FATCA Code \_\_\_\_\_

### Project Information

Project Name (if applicable) \_\_\_\_\_

Installation Address \_\_\_\_\_

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

Estimated Completion Date \_\_\_\_\_ Total Incentive Requested \_\_\_\_\_

### Technical Contact Information (Trade Ally, Contractor, Designer, etc.)

Company Name\* \_\_\_\_\_ Consumers Energy Contractor ID (if known) \_\_\_\_\_

Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_ Rebate Processor Name \_\_\_\_\_

\* Company name as it appears on your W-9.

\*\* W-9 must be provided for payee with application.

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Date	Assigned	CE -
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## Final Application/Customer Signature

Measure Category	Category Total (Before)	Buy Michigan
Lighting		
Lighting Controls		

Incentive Totals	
Measure Subtotal	
15% Buy Michigan Bonus	
Incentive Total	

**Important:** Please read the Terms and Conditions before signing and submitting this application. A customer signature is required for payment in the incentive requested. Checks will be made out to the name of the applicant's business, unless payment is released in the third party payment release section below.

Incentive Requested		
Total Project Cost	Total Incentive Requested	Actual Completion Date
Company Name (as it appears on Consumers Energy bill)		Project #
Customer Signature		Date
Print Name		Title

► Upon signing, I am stating that I have read and understand the Terms and Conditions set forth by this program.

Third Party Payment Release		
<b>Skip This Section If Rebate Check Will Be Made Payable To Customer</b>		
I authorize the payment of the incentive to the third party named below, and I understand that I will not be receiving the incentive payment. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the Incentive Catalog, Final Application Agreement and Terms and Conditions.		
<b>Authorized By:</b>		
Customer Name	Signature	Date
<b>Check should be made payable to:</b>		
Individual/Company Name*		Phone
Mailing Address		
City	State	ZIP

**Tax Status\*\*:** ☐ Individual/Sole proprietor single-member LLC ☐ C Corporation ☐ Partnership ☐ LLC Enter Tax Classification \_\_\_\_\_  
☐ S Corporation ☐ Trust/Estate ☐ Other \_\_\_\_\_

**Tax ID Number** Please provide your EIN/Federal Tax ID below.

EIN/Federal Tax ID   -

**Exemptions**

Payee Code \_\_\_\_\_ FATCA Code \_\_\_\_\_

► Please note that this document will require re-saving each time a digital signature is used.

\* Company name as it appears on your W-9.

\*\* W-9 must be provided for payee with application.

## Resources

Learn more about incentive caps and limits, pre-notifications, how to apply, terms and conditions and qualifying equipment specifications in our main Incentive Application and Catalog. This information can be found at: [ConsumersEnergy.com/startsaving](https://ConsumersEnergy.com/startsaving).

Print This Form

## Linear LED Tube Lights UL Type A, B, and Dual Mode (DM)\* (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	LED Model #	Total Incentive	
LT101	2-Foot T12 to 2-Foot LED Tube Light	\$2.50	Lamp				<input type="checkbox"/>
LT102	2-Foot T8 to 2-Foot LED Tube Light	\$1.00	Lamp				<input type="checkbox"/>
LT103	3-Foot T12 to 3-Foot LED Tube Light	\$3.50	Lamp				<input type="checkbox"/>
LT104	3-Foot T8 to 3-Foot LED Tube Light	\$2.00	Lamp				<input type="checkbox"/>
LT105	4-Foot T12 to One (1) 4-Foot LED Tube Light	\$5.00	Lamp				<input type="checkbox"/>
LT106	4-Foot T8 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT107	4-Foot T8 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT108	4-Foot T5 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT109	4-Foot T5 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT110	8-Foot T12 to Two (2) 4-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT111	8-Foot T8 to Two (2) 4-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>
LT112	8-Foot T12 to One (1) 8-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT113	8-Foot T8 to One (1) 8-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>

## Linear LED Tube Lights UL Type C\* (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	LED Model #	Total Incentive	
LT114	2-Foot T12 to 2-Foot LED Tube Light	\$2.50	Lamp				<input type="checkbox"/>
LT115	2-Foot T8 to 2-Foot LED Tube Light	\$1.00	Lamp				<input type="checkbox"/>
LT116	3-Foot T12 to 3-Foot LED Tube Light	\$3.50	Lamp				<input type="checkbox"/>
LT117	3-Foot T8 to 3-Foot LED Tube Light	\$2.00	Lamp				<input type="checkbox"/>
LT118	4-Foot T12 to One (1) 4-Foot LED Tube Light	\$5.00	Lamp				<input type="checkbox"/>
LT119	4-Foot T8 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT120	4-Foot T8 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT121	4-Foot T5 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT122	4-Foot T5 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT123	8-Foot T12 to Two (2) 4-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT124	8-Foot T8 to Two (2) 4-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>
LT125	8-Foot T12 to One (1) 8-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT126	8-Foot T8 to One (1) 8-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>

## Permanent Lamp Removal (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	Total Incentive
LT127	T8 or T12 2-Foot or 3-Foot Lamp Removal	\$1.50	Lamp Removed		
LT128	T8 or T12 4-Foot Lamp Removal	\$5.00	Lamp Removed		
LT129	T8 or T12 8-Foot Lamp Removal	\$12.00	Lamp Removed		

\*Notes: UL Type A: TLEDs are used as a direct replacement for existing fluorescent tubes, reusing the existing fluorescent ballast and reusing the existing lamp holders to connect the TLED tube to the fixture.

UL Type B: TLEDs typically use the lamp holders (either existing or retrofitted) to connect the TLEDs to the existing fluorescent fixture, but do not operate through the existing fluorescent ballast. TLEDs have internal drivers and run off line voltage.

UL Type C: TLEDs connected to the low voltage side of the TLEDs new external driver. The existing fluorescent ballast is disconnected and fully removed from the existing fluorescent fixture.

Dual Mode (DM) Internal Drivers (UL Type A and Type B): TLEDs may operate off the existing fluorescent ballast or be rewired to operate off line voltage. They have the same requirements as Type A or Type B TLED.

**Subtotal Lighting Incentive - Page 1**

## Lighting New/Retrofit Fixtures (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	New Fixture and Retrofit Measures	Incentive (F)	Unit
LT201	Exterior LED Lighting	\$0.65	Watt Reduced
LT202	Parking Garage LED Lighting	\$0.60	Watt Reduced
LT203	Interior LED Lighting (High Bay ≥ 15-Foot)	\$0.40	Watt Reduced
LT204	Interior LED Lighting (High Bay ≥ 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT205	Interior LED Lighting (Low Bay < 15-Foot)	\$0.35	Watt Reduced
LT206	Interior LED Lighting (Low Bay < 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT207	New Linear LED Tube Fixture (High Bay ≥ 15-Foot)	\$0.55	Watt Reduced
LT208	New Linear LED Tube Fixture (High Bay ≥ 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT209	New Linear LED Tube Fixture (Low Bay < 15-Foot)	\$0.30	Watt Reduced
LT210	LED Screw-in Replacing HID	\$0.25	Watt Reduced
LT211	Signage Lighting Retrofit (Continuous Operation)	\$0.50	Watt Reduced
LT212	Signage Lighting Retrofit (Commercial Hours)	\$0.25	Watt Reduced

Select Appropriate Measure ID	Pre			Post			Total Watts Reduced (E) =(AxB)-(Cx D)	Incentive/ Watt Reduced (F)	Total Incentive (ExF)
	# Of Fixtures (A)	# Of Lamps/ Fixture	Watts Per Fixture (B)	# Of Fixtures (C)	# Of Lamps/ Fixture	Watts Per Fixture (D)			
LED Model #									
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## Lighting

Check the [Buy Michigan Box](#)  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Trim Kits (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# of Units	LED Model #	Total Incentive
LT301	Trim Kits	\$8.00	Trim Kit			



### Non-Defined Lighting Measures (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive (A)	Unit
LT302	Lumens per Watt Improvement per Year**	\$0.11	kWh
LT303	Energy Conservation Improvement per Year	\$0.05	kWh

\*\* At least a 5 percent lumens per watt systems improvement.

Brief Description of Existing Lighting System	Annual Hours of Operation (B)	Mean Lumens/Watt (C)	# Of Fixtures (D)	Watts Per Fixture (E)	Total Lumens (C x D x E=F)	Total Watts (D x E=G)	Total kWh/yr (B x G/1,000 =H)
Totals							

Brief Description of New Lighting System	Annual Hours of Operation (I)	Mean Lumens/Watt (J)	# Of Fixtures (K)	Watts Per Fixture (L)	Total Lumens (J x K x L=M)	Total Watts (K x L=N)	Total kWh/yr (I x N/1,000 =P)
Totals							

Electrical Utility Rate (\$/kWh) (Q)	Project Cost (\$) (R)	Lumens/Watt of Existing System (F/G=S)	Lumens/Watt of New System (M/N=T)	Lumens/Watt Percent Improvement (T/S-1 = U)	Annual Savings kWh/yr (H-P=V)	Annual Cost Savings (\$/Yrs) (QxV=W)	Simple Payback Period (Yrs) (R/W)	Incentive Rate (\$/kWh) (A)	Total Incentive (VxA)
Total Awarded Incentive (Lesser of 1/2 Project Cost (R) or Total Incentive (V x A)) *Simple Payback Must Be Between 1 and 8 Years									



Subtotal Lighting Incentive - Page 3

## Lighting

Check the **Buy Michigan Box**  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Lighting Power Density For New Construction Projects (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	New Fixture Measures	Incentive	Unit
LT401	Interior Lighting	\$0.30	Watt Reduced
LT402	Exterior Lighting	\$0.45	Watt Reduced
LT403	Parking Garage Lighting	\$0.80	Watt Reduced

	Building Type Description of Facility Space	Occupied Area (Ft <sup>2</sup> )	Total Allowed Watts (B)	Total Proposed Watts (C)	Total Watts Reduced (D=B-C)	Total Incentive (\$)	
Interior							
						(D x \$0.30)	
	Total						<input type="checkbox"/>
Exterior							
						(D x \$0.45)	
	Total						<input type="checkbox"/>
Parking Garage							
						(D x \$0.80)	
	Total						<input type="checkbox"/>
Total Incentive							

All lighting projects are expected to comply with the Illuminating Engineering Society of North America (IESNA) recommended lighting levels or the local code.



Subtotal Lighting Incentive - Page 4

Total Lighting Incentive

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	Allowed	Proposed	Reduction
Tradeable watts			
Non-tradeable watts			

## Lighting Controls

Check the **Buy Michigan Box**  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Lighting Controls (\*Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	# of Sensors	Incentive	Unit	# of Units	Total Incentive	
LC101a	Interior Lighting Occupancy Sensors per Space Controlled (i)	< 150 sq. ft.		\$12.00	Sensor		<input type="checkbox"/>
LC101b		≥ 150 and ≤ 500 sq. ft.		\$35.00	Sensor		<input type="checkbox"/>
LC101c		> 500 sq. ft.		\$85.00	Sensor		<input type="checkbox"/>
LC102	Interior Lighting Occupancy Sensors(i)		\$0.08	Watt Controlled			<input type="checkbox"/>
LC103	Interior Occupancy Sensor & Daylight Sensor Controls*		\$0.12	Watt Controlled			<input type="checkbox"/>
LC104	Daylight Sensor Controls*		\$0.09	Watt Controlled			<input type="checkbox"/>
LC105	Central Lighting Controls*		\$0.06	Square Foot			<input type="checkbox"/>
LC106	Interior Stairwell Lighting Controls*		\$0.40	Watt Controlled			<input type="checkbox"/>
LC107	Exterior Multi-Step Dimming Occupancy Sensors*		\$0.15	Watt Controlled			<input type="checkbox"/>
LC108	Exterior Lighting Occupancy Sensors*		\$0.25	Watt Controlled			<input type="checkbox"/>
LC109	Exterior Multi-Step Dimming Timer Controls*		\$0.15	Watt Controlled			<input type="checkbox"/>

(i) Pick one or the other per space controlled.

#### Subtotal Lighting Control Incentive


### Network Lighting Controls (NLC) (Pre-Notification on all Network Lighting Controls Incentives is REQUIRED)

Please attach supporting documentation as described in the Consumers Energy Business Efficiency Programs Incentive Catalog and/or the program Policies and Procedures Manual.

#### Step 1: Energy Savings Summary

Incentive Rate Type 1: Commercial, Offices, Schools and Hospitals; \$0.25/kWh year

Incentive Rate Type 2: Manufacturing, Heavy Industrial, Parking Structures and Warehousing; \$0.18/kWh year

ID	Service	Unit	Current Energy Cost (\$/kWh)	Annual Savings (kWh/yr.) (A)	Incentive Rate (\$/kWh) (B)	Project Cost	Simple Payback Period*	Total NLC Incentive (AxB)	
LC110	Electric	kWh			Type 1: \$0.25				<input type="checkbox"/>
LC111	Electric	kWh			Type 2: \$0.18				<input type="checkbox"/>

#### Step 2: Miscellaneous Data

Annual Hours of Operation (Hours/Yr.)	Estimated Measure Life (Years)	Peak Demand Electrical Savings (kW)

#### Step 3: Executive Summary (Please define project scope in full detail , including a summary of before lighting control and after NLC retrofit)

\* Payback period must be greater than or equal to one and less than or equal to eight years to receive the incentive.

\*\* Total Awarded Incentive cannot exceed 50 percent of the total project cost or customer annual limits.

\*\*\*If New Construction, the baseline shall be in accordance with Michigan Energy Code or standard customary practice.

#### Subtotal Network Lighting Control Incentive\*\*

#### Total Lighting Controls Incentive





**877-607-0737**

**ConsumersEnergyBusinessSolutions@cmsenergy.com**