



NEW EQUIPMENT AND CONSTRUCTION 2022 Lighting Incentive



APPLICATION INSTRUCTIONS

Fill out Steps 1-3 and submit to your utility provider. **Do not sign Steps 5-6 until instructed by your utility provider.**

STEP 1 CUSTOMER INFORMATION

Select your utility company: Eversource Liberty NH Electric Co-op Unitil Date: _____

Electric Account #: _____ Natural Gas Account #: _____

Company Name: _____ Contact Person: _____

Phone Number: _____ Contact Email: _____

Installation Address: _____ City: _____ State: _____ Zip: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

STEP 2 CONTRACTOR INFORMATION *(if self-installed leave blank)*

Contractor Company (if applicable): _____ Contact Person: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

Contact Phone: _____ Contact Email: _____

STEP 3 PAYEE INFORMATION

Check Payable to: Customer Contractor Other Payment To: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

LIBERTY CUSTOMERS ONLY – Signature (for payment to Contractor/Other): _____

STEP 4 RETURN APPLICATION TO UTILITY REPRESENTATIVE

Send to your utility representative or email to your utility here:

Eversource: efficiencynh@eversource.com

Liberty: nhsaves@libertyutilities.com

New Hampshire Electric Co-op: solutions@nhec.com

Unitil: efficiency@unitil.com

STEP 5 PRE APPROVAL OFFER

STOP Once you have received Utility Pre-approval notification, sign below accepting incentive offer, payment arrangement, and Program Terms and Conditions.

Utility Signature: _____ Date: _____

Amount Of Incentive: _____ Valid Through: _____

CUSTOMER SIGNATURE: _____ Date: _____

STEP 6 PROJECT COMPLETION

STOP Sign below to indicate that project is completed. Send final signed application to Utility.

Final Incentive calculated based on 'as-installed' conditions.

Utility Signature: _____ Date: _____

CUSTOMER SIGNATURE: _____ Date: _____

Final Project Cost: _____ Final Incentive Amount: _____

Powered by:



2022 LIGHTING INCENTIVE CALCULATOR

Please submit COMcheck Report compliant with NH Energy Code, OR complete the following data tables:

Interior Lighting Fixture Details (Excluding Parking Garage)			
Building Type ²	LPD ² (W/ft ²)	Building Area (ft ²)	Interior NH TRM Annual Lighting Hours ²
(D)	(E)	(F)	(G)

Fixture ID or Location	Manufacturer	Model Number ¹	Total Fixture Qty (A)	Fixture Wattage ¹ (B)	Total Design Watts (A X B)
Example: Open Office	Lutron	XXYZ	25	38.34	959
Total Interior Design Watts (C):					

Total Interior Lighting Savings & Incentive (Excluding Parking Garage)					
Total Allowable Watts (E x F) (H)	Total Interior Design Watts (from table above) (C)	Total Watts Saved (H-C) (I)	Annual Electric Savings (G x I)/1000 (J)	Incentive Level ³ (K)	Total Interior Light Incentive (J x K)
1,837	0	1,837	4,149	\$0.XX	\$746.88

¹ From manufacturer's cut sheet or Design Lighting Consortium Qualified Products List (<https://qpl.designlights.org>).

² See Interior Lighting Building Types, Lighting Power Densities, and Annual Hours table on page 3 for reference.

³ Consult the Efficiency Team at your utility for the applicable incentive rate.

2022 LIGHTING INCENTIVE CALCULATOR

Exterior Lighting Fixtures (Including Parking Garage)

Customer Fixture ID	Manufacturer	Model Number ¹	Total Fixture Qty (L)	Wattage Fixture Power ¹ (M)	Total Design Watts (L x M) = N
	TCP	GPS8WA2LT8B1	10	5	50

Lighting Zone ²	Square/Linear Footage	Zone 2 Allowable W/ft ²	Total Allowable Watts (P x Q)	Total Design Watts Per Fixture (from N above)	Total Watts Saved ³ (R - S) +600	Annual Hours	Annual Electric Savings (T x U)/1000
(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)
walkways <10 feet wide	100	0.7	70	50	620	4,345	2,694
					(R-S) +600	4,345	
					(R-S)	4,345	
						4,345	

Incentive Level ³ (W)	Total Incentive (V x W)
\$0.XX	\$484.90
Total Exterior Lighting Incentive:	

¹ From manufacturer's cut sheet or Design Lighting Consortium Qualified Products List (<https://qpl.designlights.org>).

² See Exterior Lighting Zones & Allowable Zone 2 W/sqft table on page 4 for reference.

³ The 600W base allowance comes from IECC 2015 Table C405.5(2) for Zone 2. Add Base Site Zone Allowance only once per project/site.

Interior Lighting Building, Lighting Power Densities & Annual Hours

Building Type (D)	Building Type LPD (W/ft ²) (E)	Annual Hours (G)	Building Type (D)	Building Type LPD (W/ft ²) (E)	Annual Hours (G)
Automotive Facility	0.8	4,939	Library	1.19	2,788
Convention Center	1.01	5,220	Motion PictureTheater	0.76	3,613
Courthouse	1.01	3,425	Multifamily	0.51	4,026
Daycare	0.87	2,590	Museum	1.02	2,788
Dining: Bar/Lounge/Leisure	1.01	3,613	Nursing Home	0.9	5,413
Dining: Cafeteria/Fast Food	0.9	5018	Office — Medium/Large (> 20,000 ft ²)	0.82	4,181
Dining: Family	0.95	4,315.5	Office — Small (< 20,000 ft ²)	0.82	2,567
Dormitory	0.57	3,056	Parking Garage	0.21	6,552
Education: College/University	0.87	4,839	Penitentiary	0.81	5,413
Education: Community College	0.87	3,255	Performing Arts Theater	1.39	3,613
Education: K-12 School	0.87	2,788	Police Station	0.87	5,366
Exercise Center	0.84	5,468	Post Office	0.87	3,425
Fire Station	0.67	5,366	Religious Worship/Church	1	1,810
Grocery	1.26	5,468	Retail	1.26	4,939
Gymnasium	0.94	5,468	Sports Arena	0.91	5,468
Health/Medical — Clinic	0.9	3,673	Storage Facility	0.66	3,420
Hospital	1.05	5,413	Town Hall	0.89	3,425
Hotel/Motel/Lodging	0.87	4,026	Transportation	0.7	6,512
Industrial/Manufacturing — 1 Shift	1.17	2,857	Warehouse — Distribution Center	0.66	6,512
Industrial/Manufacturing — 2 Shifts	1.17	4,730	Warehouse — Inactive Storage	0.66	2,316
Industrial/Manufacturing — 3 Shifts	1.17	6,631	Workshop	1.19	2,567

Exterior Lighting Zones & Allowable Zone 2 W/sqft

Lighting Zones (O)	Zone 2 Allowable W/ft (Q)	Lighting Zones (O)	Zone 2 Allowable W/ft (Q)
Uncovered Parking Areas		Outdoor Sales	
Parking Area and drives	.06W/ft	Open areas (including vehicle sales lots)	.25 W/ft
Building Grounds		Street frontage for vehicle sales lots in addition to "open area" allowance	10 W/linear foot
walkways less than 10 feet wide	0.7W/ linear foot	Building facades	.075 W/ft of gross above-grade wall area
Walkways 10 feet wide or great, plaza areas, special feature areas	.14W/ft	Automated teller machines and night depositories	270 W per location plus 90W per additional ATM per location
Stairways	1.0W/ft	Entrances and gatehouse inspection stations at guarded facilities	.75 W/ft of covered and uncovered area
Pedestrian tunnels	.15 W/ft	Loading areas for law enforcement, fire, ambulance and other emergency service vehicles	0.5 W/ft of covered and uncovered area
Building Entrances and Exits		Drive -up windows/doors	400W per drive-through
Main entries	20W/linear foot of door width	Parking near 24-hour retail entrances	800W per main entry
Other doors	20W/linear foot of door width	Sales Canopies	
Entry canopies	.25W/ft	Free-standing and attached	.6 W/ft

2022 Lighting New Equipment & Construction

Instructions for completing the NE&C LIGHTING Incentive Worksheet

General Notes:

1. This application is for new high efficiency lighting fixtures, systems and controls.
2. Cutsheets / specifications including photometric tables must be submitted and reviewed by the utility to verify compliance with technical requirements.
3. Proof of Purchase includes invoice(s) indicating the cost, type, manufacturer, model or part number, purchase date, and vendor of the efficient equipment are required for payment of incentives.
4. The incentive, in conjunction with all other sources of funding, cannot exceed the total project cost.
5. Project must be completed by the "Offer Valid Through" date on the front of the application to be eligible for incentive. After that date the preapproval is void and the business will need to contact their Utility to reapply for incentive pending funding availability.

Eligibility Requirements:

1. Systems must operate on average 2,000 hours annually unless otherwise specified by the product code. Lighting project average must be at least 2,000 hours (total kWh/total kW).
2. Use Code 99L for LED fixtures not covered by another product code
3. Minimum watts for prescriptive control products is the average total watts controlled per controller.
4. The incentive offer is not valid unless signed and dated by the Utility Representative. The Customer accepts the Utilities incentive offer and agrees to the Terms and Conditions of the Utility by signing in the pre-approval offer block.
5. Projects need to be pre-approved prior to installation to be eligible for incentives.

LED Specific Documentation Requirements:

LED fixtures and lamps must be listed on ENERGY STARS's (ES), Designlights Consortium (DLC) or the utilities' websites. For more information see the DLC's listing <http://www.designlights.org/> or ENERGY STAR's website:

Bulbs: <http://www.energystar.gov/productfinder/product/certified-light-bulbs/results>

Fixtures: <http://www.energystar.gov/productfinder/product/certified-light-fixtures/results>