Lighting Incentive Catalog - Idaho

Effective: March 15, 2023

Rocky Mountain Power provides incentives for many types of energy-efficient technologies. Please read the following sections carefully to ensure that you follow the appropriate steps to apply for incentives. Equipment must be permanently installed and may be subject to inspection prior to incentive approval.

Incentives for additional measures may be available. For more information about the Wattsmart Business program, eligibility requirements, incentive levels or other general inquiries, contact a Wattsmart Business Vendor or Rocky Mountain Power. You can visit the program website at Wattsmart.com or you can call our energy services hotline at **1-866-870-3419**.

LIGHTING SYSTEM RETROFITS

Measure description: Lighting retrofit projects are one of the most common and effective energy conservation opportunities available to commercial and industrial customers.

Applicability: Changes, modifications, or additions to lighting systems or equipment in existing square footage.

Retrofit lighting projects generally do not significantly alter lighting system layouts or light levels. Lighting system redesign that significantly alters system layouts and/or light levels or is driven by changes to space use, space occupancy or occupant requirements may not be eligible for retrofit lighting incentives. Please contact us with any questions regarding retrofit lighting eligibility.

It is expected that retrofitted lighting systems meet industry standards applicable to the space(s) and use type(s) associated with the project.

Equipment eligibility: Rocky Mountain Power offers prescriptive, non-prescriptive (calculated), or custom incentives for qualifying lighting equipment and lighting controls. To be eligible for the incentives listed in the Retrofit Lighting Incentives Table, the new lighting system must use less energy than the existing/baseline lighting system. Lighting equipment must be installed after receiving an incentive offer on or after March 15, 2023, and meet all other program terms and conditions. Incentives may be subject to caps. Eligible lighting upgrade types are defined below:

Prescriptive: Set incentive dollar amount per fixture, retrofit kit, or lamp independent of energy savings.

Non-prescriptive (calculated): Pay per savings incentive that must be calculated in a lighting calculation software tool.

Non-General Illuminance: Incentives are available for LED case lighting and occupancy-based controls as well as LED Channel Letter Sign and LED Marquee/Cabinet Sign. Energy savings must be calculated in a lighting calculation software tool.

- Channel Letters are individually illuminated letters and graphics that are typically found on storefronts
- Marquee/Cabinet Signs illuminate translucent signs from within

Lighting Systems - Lighting Components: Below are the various ways the program classifies fixtures. Certain lighting technologies/ upgrades have been deemed ineligible for incentives. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.

Fixture Replacements: Full fixture replacements are a lighting system upgrade where the entire existing fixture, including lamps, reflectors, ballasts/drivers, housing, etc., are removed and new fixtures are installed. Full fixture replacements on the Rocky Mountain Power Qualified Products Lists (QPL) include:

- Luminaires listed under the DesignLights Consortium (DLC) Luminaire table, as well as Integrated troffer retrofit kits, or other retrofit kits that are deemed to be equivalent to new fixtures as determined by program administration
- Luminaires listed on the ENERGY STAR® fixture list except for the "Recessed Lighting" category

Retrofit Kits: Fixture retrofit kits are a lighting system upgrade that keeps existing fixture housing and modifies fixture components to incorporate new lighting equipment. Fixture retrofit kits on the Rocky Mountain Power QPL include:

- Luminaires listed under the DLC's Retrofit Kit table

Replacement Lamps: Replacement lamps are lighting system upgrades that keep existing fixtures in place while replacing only the lamp and/or lamp operating components, such as ballasts, or drivers. Replacement lamps installed as part of lighting system upgrade are eligible for incentives as listed in the Prescriptive Lighting System Retrofits section below. Lighting system upgrade projects require pre-approval. Please refer to the Prescriptive Lighting System Retrofits section for requirements.

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Non-General Illuminance: LED case lighting must replace fluorescent. LED Channel Letter Signs must replace neon or fluorescent signage. LED Marquee/Cabinet Signs must replace fluorescent signage. Custom incentives may be available for other signage lighting, not listed in the Retrofit Lighting Incentives Table or Ineligible Lighting Technologies at the end of the catalog. Other non-general illuminance must be certified by a Nationally Recognized Testing Laboratory (NRTL) and save energy over an existing/ baseline fixture.

- LED case lighting fixtures must be listed on the approved products list. See the "Qualified Lighting Equipment Policy" section at the end of this catalog
- All signage products must be certified by a NRTL
- Linear footage is calculated as follows:
  - Channel Letters – The actual, measured linear footage of the LED illuminant. All measurements may be subject to verification via inspection prior to approval
  - Marquee/Cabinet Signs – The linear footage of the fluorescent tubes being replaced by LED technology

Lighting Systems - Interior Controls

Basic Controls: Basic lighting controls use one or two control strategies to reduce lighting levels when appropriate. Eligible basic lighting controls include:

- Integral, wall mounted, or ceiling-mounted occupancy controls (PIR, Dual Tech, Microwave)
- Daylighting controls (must control interior fixtures with continuous, stepped or bi-level ballast, or automated control that reduces fixture output by 50 percent or more in response to daylight)
- Occupancy/daylighting combination controls (must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same interior space)

Networked Lighting Controls: Networked Lighting Control (NLC) systems are a combination of sensors, network interfaces, and controllers that affect lighting changes to luminaires, but do not include the luminaires themselves. To be considered NLC, equipment must meet the following criteria:

- Listed on the DesignLights Consortium's (DLC's) Networked Lighting Controls Qualified Products Lists
- Continuously dimming
- Use an app or computer program to control fixtures
- System must be implemented in a way that saves energy. Examples may include:
  - Daylight / Ambient Light Harvesting – photocell control with continuous dimming
  - High End Trim/Institutional Tuning - may not be combined with photocell controls outside of a daylighting zone
  - Personal Tuning – with continuous dimming
  - Advanced Scheduling - changes to light levels and/or sensor timeouts based on time of day

Advanced Networked Lighting Controls: Advanced Networked Lighting Controls (ANLC) are networked lighting controls implemented to achieve maximum energy savings. For a system to be considered ANLC, equipment must meet the following criteria:

- Meet the same qualifications as NLC above
- Every fixture must be tied to a sensor (occupancy or illuminance sensing)
- Be individually addressable or have smaller controlled zones (typically < 600 square feet or < 500W

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Lighting Systems - Exterior Controls

Exterior dimming controls create energy savings in exterior lighting systems by dimming lights when full light is not needed (unoccupied or non-business hours).

Basic Exterior Dimming:

- Must dim (not on/off)
- Control can be occupancy or schedule based
- Must result in a minimum 35% energy savings. Examples may include:
  - Reducing fixture power by 70% or more for a minimum of 6 hours per night
  - Reducing fixture power by 75% or more when the area has been unoccupied for 15 minutes or less
- Networking is NOT required

Advanced Networked Dimming:

- DLC listed
- Continuously dimming
- Use an app or computer program to control fixtures
- Must result in a minimum 45% energy savings. Examples may include:
  - Reducing fixture power by 70% or more for a minimum of 8 hours per night
  - Reducing fixture power by 75% or more when the area has been unoccupied for 15 minutes or less with the addition of 10% high end trim

Pre-qualification required? Yes **Lighting retrofit projects must receive an incentive offer before installing equipment. Projects that proceed before receiving an incentive offer will not be eligible for an incentive.** Contact a Wattsmart Business Vendor or Rocky Mountain Power to get started. A pre-installation inspection of existing lighting may be required. The eligible incentive is limited to 70 percent of the eligible project costs and are capped to maintain a simple payback greater than or equal to one year (including incentives).

Note: Rocky Mountain Power has a lighting calculation software tool for retrofit projects. It is available for Wattsmart Business Vendors to calculate project-specific energy savings, project economics, and eligible incentives for retrofit projects. Visit the program website at Wattsmart.com for a current list of Wattsmart Business Vendors. Contact a participating vendor or Rocky Mountain Power for next steps.

To apply for an incentive offer, please provide the following:

1. Online application or a signed General Application and IRS Form W-9.
2. A completed lighting calculation software tool listing qualified equipment make and model numbers.
3. Qualified product list documentation, if applicable.

Items to submit before incentive payment: Once equipment is installed: Invoices with defined labor and materials amounts are required to be submitted before incentive payment will be made. An inspection of the installed equipment may be required before incentive payment.

Information on lamp and ballast recycling: Fluorescent and High-Intensity Discharge (HID) lighting contains trace amounts of mercury and other toxic materials. Lamps and ballasts should always be disposed of properly in accordance with state and federal regulations. Please consult with the State of Idaho Department of Environmental Quality. Information can be found on their website: http://deq.idaho.gov/

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RETROFIT LIGHTING INCENTIVES TABLE			
Lighting Category		**Eligibility Requirements**	**Offered Incentive**
INTERIOR			
Prescriptive Incentive	New Fixture, Retrofit Kits, and Lamps	See Prescriptive Incentive table[4]	
Non-Prescriptive (Calculated) Incentive	New Fixture	Advanced Networked Lighting Controls	$0.22/kWh
		Basic or Networked Controls	$0.20/kWh
		No Controls	$0.16/kWh
	Retrofit Kits	Advanced Networked Lighting Controls	$0.18/kWh
		Basic or Networked Controls	$0.16/kWh
		No Controls	$0.14/kWh
	Custom	Not listed above[12]	$0.05/kWh
Controls-Only or Controls-on-Prescriptive Incentives		Advanced Networked Lighting Controls	$0.20/kWh
		Basic or Networked Lighting Controls	$0.18/kWh
EXTERIOR			
Prescriptive Incentive	New Fixture, Retrofit Kits, Lamps, and Street Lighting	See Prescriptive Incentive table[4]	
Non-Prescriptive (Calculated) Incentive	Custom	Not listed above[12]	$0.05/kWh
Controls-Only or Controls-on-Prescriptive Incentives		Exterior Dimming Controls	$0.12/kWh
NON-GENERAL ILLUMINANCE			
Non-General Illuminance (Retrofit Only)	Exit Sign	LED replacing incandescent or fluorescent	$15/Sign
	LED Channel Letter Sign	LED replacing existing neon or fluorescent signage	$5/Linear foot
	LED Marquee/Cabinet Sign	LED replacing existing fluorescent signage	
	LED Case Lighting – Refrigerator Case	LED replacing fluorescent lamp in refrigerated cases. LED must be listed on qualified equipment list	$10/Linear foot
	LED Case Lighting – Freezer Case		
	Refrigerated Case Occupancy Sensor	Installed in existing refrigerated case with LED lighting	$1/Linear foot
	Custom	Not listed above[13]	$0.10/kWh annual energy savings

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Notes for Retrofit Lighting Incentives Table

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by Rocky Mountain Power.
2. Incentives are capped at 70 percent of eligible Energy Efficiency Project Costs and will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Rocky Mountain Power approval.
3. The customer or owner may receive only one financial incentive from Rocky Mountain Power per measure. Incentives listed in the table above cannot be combined with incentives received either through the point-of-purchase, the post-purchase lighting application, or the Home Energy program.
4. For the list of equipment with available prescriptive incentives, see the details in the Prescriptive Incentives Table.
5. Complete fixture removals are not eligible.
6. Qualified eligible retrofit lighting equipment is defined in qualified equipment lists posted on Rocky Mountain Power's website and in the "Qualified Lighting Equipment Policy" section at the end of this catalog.
7. Certain lighting technologies/upgrades have been deemed ineligible for incentives. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.
8. Qualified make and model numbers need to be entered into lighting calculation software tool.
9. Calculated lighting incentives will be the product of multiplying Rocky Mountain Power's estimate of annual energy savings by the incentive/kWh rate listed above. Energy savings are subject to approval and will be offered at Rocky Mountain Power's sole option.
10. Incentives listed as $/kWh control savings are paid per kWh annual energy savings solely from the installation of controls. Energy savings are subject to approval and will be offered at Rocky Mountain Power's sole option.
11. Exterior fixtures are by default considered dusk to dawn. Any other operating schedule must be documented and verified.
12. Custom lighting incentives will be the product of multiplying Rocky Mountain Power's estimate of annual energy savings by $0.05/kWh and will be offered at Rocky Mountain Power's sole option. Energy Efficiency project costs are subject to Rocky Mountain Power approval. Certain lighting technologies/upgrades have been deemed ineligible for incentives. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.
13. Custom non-general illuminance incentives will be the product of multiplying Rocky Mountain Power's estimate of annual energy savings by $0.10/kWh and will be offered at Rocky Mountain Power's sole option. Energy Efficiency Project costs are subject to Rocky Mountain Power approval. Certain lighting technologies/upgrades have been deemed ineligible for incentives. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.
14. Linear footage for sign is calculated as follows:
    a. Channel Letters – The actual, measured linear footage of the LED illuminant. All measurements may be subject to verification via inspection prior to approval.
    b. Marquee/Cabinet Signs – The linear footage of the fluorescent tubes being replaced by LED technology.

PRESCRIPTIVE LIGHTING SYSTEM RETROFITS

Measure Description: Replacement equipment such as lamps, fixtures, and retrofit kits are lighting system upgrades that may keep existing fixtures in place while replacing only the lamp and/or lamp operating components or involving the replacement of the entire fixture. The replacement equipment options listed below present significant savings potential and are among the most common and effective energy conservation opportunities available to commercial and industrial customers.

Equipment Eligibility: Beginning March 15, 2023, the following incentives will be available. Customers can apply for incentives via the lighting calculation worksheet or post purchase application.

To qualify for the incentives listed in the catalog, equipment must be purchased for installation at a qualifying site and meet all other program terms and conditions. Replacement lamps must be listed on the approved qualified products list. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.

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Visit the program website at Wattsmart.com for details or contact a participating distributor to get started.

Prequalification required? No.

To apply via the post-purchase option, please verify all purchased equipment is on the current qualified equipment list and provide the following:

1. Online application **or a completed Lighting Instant Incentive** Post-purchase application supplement.
2. **All other documentation as requested in the application supplement.**

REPLACEMENT LAMPS & RETROFIT KITS INCENTIVES TABLE	
Eligible Equipment: (Must be on qualified equipment list)	**Incentive**
MR16 Reflector Lamp	$1/Lamp
PLC Pin-based Lamp <10 W	$1/Lamp
PLC Pin-based Lamp ≥ 10 W	$2/Lamp
PLL Pin-based Lamp	$3/Lamp
T8 TLED Lamp – Type A,A/B Dual Mode	$2/Lamp
T8 TLED Lamp – Type B	$1/Lamp
T8 TLED Lamp – Type C	$5/Lamp
T5 TLED Lamp – Type A,A/B Dual Mode	$3/Lamp
HID Replacement Lamp < 40 W	$10/Lamp
HID Replacement Lamp ≥ 40 W and < 70 W	$15/Lamp
HID Replacement Lamp ≥ 70 W and < 140 W	$30/Lamp
HID Replacement Lamp ≥ 140 W	$40/Lamp
Outdoor Retrofit Kit < 50 W	$20/Kit
Outdoor Retrofit Kit ≥ 50 W and < 90 W	$35/Kit
Outdoor Retrofit Kit ≥ 90 W and < 135 W	$45/Kit
Outdoor Retrofit Kit ≥ 135 W and < 220 W	$55/Kit
Outdoor Retrofit Kit ≥ 220 W	$70/Kit
Outdoor Fixture Replacement < 50 W	$25/Fixture
Outdoor Fixture Replacement ≥ 50 W and < 90 W	$45/Fixture
Outdoor Fixture Replacement ≥ 90 W and < 135 W	$55/Fixture
Outdoor Fixture Replacement ≥ 135 W and < 220 W	$65/Fixture
Outdoor Fixture Replacement ≥ 220 W	$120/Fixture

1. LED lamps and fixtures must be listed on ENERGY STAR®, DesignLights Consortium qualified equipment lists.
2. TLEDs must be listed on DesignLights Consortium qualified equipment list and categorized as Linear Replacement Lamps (UL Type A), Internal-driver/Line Voltage Linear Lamp- Style Retrofit Kits (UL Type B), External-driver Linear Lamp-Style Retrofit Kits (UL Type C), or Dual Mode Internal Driver Linear Replacement Lamps (UL Type A and Type B).

- HID = High Intensity Discharge (e.g. high pressure sodium, metal halide)
- MR = Mirrored Reflector
- PLC = Pin Lamp Compact Fluorescent
- PLL = Pin Lamp Long Compact Fluorescent
- TLED = Tubular Light Emitting Diode
- W = Watt

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NEW CONSTRUCTION/MAJOR RENOVATION HIGH-EFFICIENCY LIGHTING (INTERIOR)

Measure description: Installing high-efficiency lighting during construction can be a cost-effective means of saving electricity.

Applicability:

New Construction: A newly constructed facility or newly constructed square footage added to an existing facility.

Major Renovation: A change in facility use type or where the existing system will not meet owner/customer projected requirements within existing facility square footage. Please contact us for any questions regarding construction type classification.

Interior equipment eligibility: To be eligible for new construction incentives listed in New Construction and Major Renovation Lighting Incentives (Interior) Table, pre-approval must be issued on or after March 15, 2023. The new construction project must meet all other program terms and conditions as listed in New Construction and Major Renovation Lighting Incentives (Interior) Table. For projects completed prior to March 15, 2023, please contact us. The whole building's total connected interior lighting power (Watts/square foot) must be 10 percent lower than the interior lighting power allowance calculated under Section 406 of Idaho state energy code (IECC 2018)*. Lighting controls required by IECC 2018 are not eligible for incentives.

To apply for pre-approval, please provide the following:

1. **A signed and completed** General Application
2. **A completed lighting calculation worksheet**

   Note: Rocky Mountain Power has a lighting calculation worksheet used to calculate project-specific energy savings, project economics and eligible incentives for new construction/major renovation lighting projects. Lighting calculation worksheets are available through Wattsmart Business Vendors participating in our Wattsmart Business Vendor Network or by contacting Rocky Mountain Power. Visit the program website at Wattsmart.com for a current list of Wattsmart Business Vendors.

Pre-qualification required? *Yes.* **New construction and Major Renovation lighting projects must receive pre-authorization in order to receive an incentive.** New construction and major renovation lighting projects that are completed prior to receiving pre-authorization will not be eligible for an incentive. Contact a Wattsmart Business Vendor or Rocky Mountain Power to get started.

NEW CONSTRUCTION AND MAJOR RENOVATION INTERIOR LIGHTING INCENTIVES TABLE

Measure	Category	Eligibility Requirements	Incentive
Interior Lighting	Lighting and Lighting Control	1. The total connected interior lighting power for New Construction/ Major Renovation projects must be 10 percent lower than the interior lighting power allowance calculated under IECC 2018. For New Construction/projects not included in the IECC 2018, the total connected lighting power must be 10 percent lower than common practice as determined by Rocky Mountain Power. 2. Energy savings is subject to approval by Rocky Mountain Power.	$0.08/kWh annual energy saved

Notes for New Construction and Major Renovation Interior Lighting Incentives Table:

1. Rocky Mountain Power recommends that LED fixtures and lamps be listed on the approved products list on at least one of the following websites:
   - ENERGY STAR®: www.energystar.gov
   - DesignLights Consortium: www.designlights.org

IECC = International Energy Conservation Code

* The Wattsmart Business program uses IECC 2018 as the energy code baseline for new construction and major renovation projects.

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INTERNATIONAL ENERGY CONSERVATION CODE 2018 MAXIMUM LIGHTING POWER DENSITIES (LPD) SECTION C406.3 REDUCED LIGHTING POWER REQUIREMENTS.

	W/ft²
Building Area Type	**Section C406.3 LPDs For new construction projects**
Automotive facility	0.64
Convention center	0.68
Courthouse	0.81
Dining: Bar Lounge/Leisure	0.81
Dining: Cafeterias Fast Food	0.71
Dining: Family	0.70
Dormitory	0.55
Exercise center	0.59
Fire Station	0.48
Gymnasium	0.61
Health care – clinic	0.74
Hospital	0.95
Hotel/Motel	0.68
Library	0.70
Manufacturing Facility	0.81
Motion Picture Theater	0.75
Multifamily	0.61
Museum	0.95
Office	0.71
Parking Garage	0.14
Penitentiary	0.68
Performing Arts Theater	1.06
Police Station	0.72
Post Office	0.60
Religious Building	0.85
Retail	0.95
School/University	0.73
Sports Arena	0.78
Town Hall	0.72
Transportation	0.55
Warehouses	0.43
Workshop	0.81

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NEW CONSTRUCTION/MAJOR RENOVATION EXTERIOR LIGHTING

Measure description: Installing high-efficiency lighting as part of a major renovation can be a cost-effective means of saving electricity.

Applicability:

New Construction: A newly constructed facility or newly constructed square footage added to an existing facility.

Major Renovation: A change in facility use type or where the existing system will not meet owner/customer projected requirements within existing facility square footage. Please contact us for any questions regarding construction type classification.

Exterior equipment eligibility: In order to be eligible for exterior lighting incentives listed in New Construction/Major Renovation Exterior Lighting Incentives Table of this catalog, pre-approval must be issued, prior to installing lighting equipment. New construction/major renovation exterior lighting must meet all other requirements listed in New Construction/Major Renovation Exterior Lighting Incentives Table of this catalog. For completed projects please contact us.

Incentives for LED technologies may be available for new construction/major renovation exterior fixtures not listed in New Construction/Major Renovation Exterior Lighting Incentives Table of this catalog, such as LED bollard fixtures, etc. Energy analysis is required, and the equipment must be listed on a qualifying list. Pre-approval for exterior lighting in new construction/major renovation is required. Approval of custom incentives is at the sole option of Rocky Mountain Power. Contact us at **1-866-870-3419** for additional information.

Pre-qualification required? *Yes.* **New construction and major renovation lighting projects must receive pre-authorization in order to receive an incentive.** New construction lighting projects that are completed prior to receiving pre-authorization will not be eligible for an incentive.

> *Note:* Rocky Mountain Power has a lighting calculation worksheet used to calculate project-specific energy savings, project economics and eligible incentives for major renovation lighting projects. Lighting calculation worksheets are available through Wattsmart Business Vendors participating in our Wattsmart Business Vendor Network or by contacting Rocky Mountain Power. Visit the program website at Wattsmart.com for a current list of Wattsmart Business Vendors.

To apply for pre-approval, please provide the following:

1. **A signed and completed** General Application
2. **A completed lighting calculation worksheet**
3. **Qualified product list documentation**

NEW CONSTRUCTION/MAJOR RENOVATION EXTERIOR LIGHTING INCENTIVES TABLE

Measure	Category	Eligibility Requirements	Incentive
Exterior Lighting	LED Outdoor Pole/ Roadway, decorative	< 75W; LED must be listed on qualified equipment list	$25/Fixture
	LED Outdoor Pole/ Roadway	≤ 200W; LED must be listed on qualified equipment list	$50/Fixture
		> 200W; LED must be listed on qualified equipment list	$175/Fixture
	LED Canopy/Soffit	LED must be listed on qualified equipment list	$50/Fixture
	LED Flood Lights	≥ 100 Watts; LED must be listed on qualified equipment list	$100/Fixture
	Exterior Dimming Control	Must control LED technology in an exterior lighting application. Control must be integral to LED fixture or fixture-mounted and reduce fixture power by 75% or more for a minimum of 6 hours per night or when the space is unoccupied for 15 minutes or less.	$0.34/Watt controlled
	Custom	Not listed above[2]	$0.08/kWh annual energy savings

Notes for New Construction/Major Renovation Exterior Lighting Incentives Table of this catalog:

1. New construction and major renovation LED fixtures must be listed on the approved products list. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.
2. Energy savings are subject to Rocky Mountain Power approval. Certain lighting technologies/upgrades have been deemed ineligible for incentives. See the "Qualified Lighting Equipment Policy" section at the end of this catalog.
3. The customer or owner may receive only one financial incentive from Rocky Mountain Power per measure. Incentives listed in the table above cannot be combined with incentives received either through the point-of-purchase, the post-purchase lighting application, or the Home Energy program.

IECC = International Energy Conservation Code
LED = Light-emitting Diode

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QUALIFIED LIGHTING EQUIPMENT POLICY

This policy applies to all lighting incentive eligibility as described in the Lighting Catalog and is effective March 15, 2023, for all projects with a valid Incentive Offer or lighting incentive application. This policy supersedes all previous *Wattsmart Business* LED/SSL qualification policies. For lighting technologies not specified below, nor listed in the "Ineligible Lighting Technologies" section, qualified product listings are not required.

General Illuminance Lighting

To qualify for incentives, any **general illuminance** product submitted for an incentive must meet the requirements as listed below.

General illuminance lighting is defined below:

- **Interior:** All lighting equipment contributing to the lighting power density (LPD) of a space falls into the general illuminance category. All LED/SSL equipment contributing to LPD must be on the current qualifying list to be eligible for incentives. Low-voltage LEDs must be on one of the qualified lists.
- **Exterior:** All lighting on the exterior of a building that contributes illuminance for safety, security, or function of a building and associated exterior space is also considered to be in the general luminance category. All LED/SSL equipment used for exterior illumination must be on the current qualifying list to be eligible for incentive.

LED/SSL Products

To qualify for incentives, any **general illuminance** LED/SSL product submitted for an incentive must be listed on at least one of the Qualified Product List options below. Documentation of the LED/SSL listing must be included for each product type and project submitted. The product must be actively listed on the qualified list at some point during the duration of the project (pre-approval through project completion). Products used in lighting applications outside of the listed category are subject to review and may not be eligible for incentives. It is the customer's responsibility to ensure that selected LED products have received the appropriate (NRTL) safety certifications.

Option 1: ENERGY STAR® qualified fixtures and lamps list:
- www.energystar.gov
- The majority of products on ENERGY STAR list are lamps or recessed can fixtures.

Option 2: DesignLights Consortium's (DLC) Commercial Fixtures qualified list:
- www.designlights.org
- The majority of products listed here are either fixtures or retrofit products (interior or exterior).

The above lists are updated monthly. To access the current lists, or for information on how to get a product qualified, please refer to each organization's website.

LED/SSL Products Exceptions

If the product is NOT included on one of the above two lists, please contact the manufacturer to obtain these certifications or consider using a listed product. Participants may request exceptions to this policy. To be considered for exceptions, products must fit the descriptions below and the Participant must provide the necessary documentation to be considered as an alternate product qualification.

Rocky Mountain Power does NOT endorse any LED products in the above lists. Rocky Mountain Power reserves the right to review and approve any LED product on a case-by-case basis. Rocky Mountain Power reserves the right to reject a product used outside of its DLC or ENERGY STAR approved category.

Exception: Non-general illuminance:

- Lighting equipment that does not meet the definition of general illuminance lighting is considered non-general illuminance lighting. Examples of non- general illuminance lighting include signage and specialty lighting (i.e. LED message center, channel letter, and stage lighting). Please note that non- general illuminance lighting requires NRTL certification but does not require pre-qualification through one of the options listed above. Non-general illuminance does not require separate application for exception. Please see Non-general illuminance section below.

Specialized products that do not have a corresponding category on the qualified list:

- Products with a specialized application that do not have a category on the qualified lists may be considered for incentive eligibility on a case-by-case basis.

  » For example, underwater pool lights.
- To be considered for an exception, participants must submit product specifications to Rocky Mountain Power for review by lighting specialists.
- Exceptions are only available for products without a listed category. Products with a corresponding category but used in a specialized application will not be considered for an exception.
- Approved exceptions will be eligible for incentives at the non-prescriptive (calculated) lighting incentive rate.

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The above lists are updated monthly. To access the current lists, or for information on how to get a product qualified, please refer to each organization's website.

Products with variance from qualified models due to non-performance based attributes:

- Products whose model number varies from the qualified base fixture model due to attributes that do not affect lighting performance may be considered for incentive eligibility on a case-by-case basis.

  » Attributes that may be considered for exception:
  - Integral Controls
  - Input Voltage
  - Mounting Type
  - Housing Color
- Products with model number variations from a similar listed product may be considered for a "family exception" if the proposed product meets or exceeds the selected Qualified Products List's technical requirements.
- To be considered for an exception, participants must submit product specifications to Rocky Mountain Power for both the qualified model and the variant model for review by a lighting specialist. The product specifications must demonstrate that performance is not altered by the variant attribute(s).
- Approved exceptions will be eligible for incentives listed in the incentive tables.

Updates to already qualified products:

- New and improved versions of an already qualified product may be considered for incentive eligibility on a case-by-case basis.
- Participant must submit manufacturer's documentation that the product is simply a newer generation and will be submitted to one of the two approved lists. Documentation must show base fixture plus new specifications of the same fixture.

Advanced Network Lighting Control (ANLC) Products

To qualify for incentives, ANLCs must be listed on DesignLights Consortium's (DLC) Networked Lighting Controls list. Documentation of the ANLC listing must be included for each control system and project submitted. The product must be actively listed on the qualified list at some point during the project duration (pre-approval through project completion). Upon completion of the project, proof of commissioning may need to be provided for non-Luminaire Level Lighting Control installations. Advanced Network Lighting Controls are required to individually address and network each luminaire and control device.

Advanced Control Products Exceptions
If the lighting control is NOT listed on DLCs Networked Lighting Controls list, please contact the manufacturer to obtain the certification or consider using a listed product. There are exceptions to this policy. To be considered for an exception, control products must fit the descriptions below and the Participant must provide all the necessary documentation to be considered as an alternate means of product qualification.

Existing building automation/control systems
Existing building automation systems that integrate and control lighting systems may be considered as eligible advanced lighting controls. To be considered for an exception, building automation systems must comply with the DLC list of required system capabilities for Networked Lighting Controls (see list below). Documentation of each capability must be submitted to be considered for an exception.

» Networking of Luminaires and Devices

» Occupancy Sensing

» Daylight Harvesting / Photocell Control

» High-End Trim

» Zoning

» Luminaire and Device Addressability

» Continuous Dimming

To be considered for an exception, building automation systems are required to individually address and network each luminaire and control device. Please refer to the Lighting Systems - Interior/Exterior Controls sections for details.

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Area Level Lighting Controllers
In certain situations, luminaire level lighting controls may not provide additional energy savings as compared to area controllers. Area controls meeting all other advanced control requirements may be eligible for advanced control incentives based on area characteristics such as space square footage and total wattage controlled. Exceptions to luminaire level lighting control requirements are considered on a space-by-space basis.

Alternative Control Strategies
Some control strategies not listed above may be allowed in addition to (or as a replacement of) listed qualifying control strategies. Alternative control strategies must provide equivalent or higher energy savings than listed qualifying control strategies. Exceptions to qualifying control strategies are considered on a project-by-project basis.

Instructions for requesting an exception

Participants requesting an exception should submit product information to their Rocky Mountain Power project manager or to wattsmartbusiness@rockymountainpower.net. Include your customer name and location so the information can be tied to your project.

Vendors (electrical contractors, manufacturers and distributors) requesting an exception should submit their product information to the Wattsmart Business Vendor Network coordinator.

Exception requests are accepted for active projects and projects in preliminary stages only. Completed projects are not eligible for exception. Submittals containing mass quantities of product types will not be accepted.

Exceptions applications are reviewed by a lighting specialist. A response is provided within three (3) business days.

If an exception request is approved, the response will include an acknowledgment that the product is eligible for incentives. A customer/vendor may use the product in future projects but must submit the product information and exception acknowledgment as part of the project information submitted for pre-approval.

If you have questions about the policy or the documentation required, please contact your Wattsmart Business Vendor Network coordinator or contact us to verify all purchased equipment is on the current Qualified Equipment List and toll free at 1-866-870-3419 or wattsmartbusiness@rockymountainpower.net.

Non-General Illuminance Lighting

Lighting equipment that does not meet the definition of general illuminance lighting is considered non-general illuminance lighting. Examples of non- general illuminance lighting include signage and specialty lighting (i.e., channel letter, stage lighting, and LED refrigerated case lighting). LED refrigerated case lighting must meet the requirements listed below. All other non-general illuminance lighting products must be certified by a Nationally Recognized Testing Lab (NRTL). To be eligible for incentives, documentation of NRTL certification must be submitted with all non-general illuminance lighting submissions.

LED Refrigerated Case Lighting Products

To qualify for incentives, any LED refrigerated case lighting product submitted for an incentive must be listed on the Qualified Fixture List below. Documentation of the LED refrigerated case lighting product listing must be included for each product type and project submitted. The product must be listed on the qualified list at the time of project pre-approval. Please note that products used in lighting applications outside of the listed category are not eligible for incentives.

DesignLights Consortium's (DLC) Commercial Fixtures qualified list:

- LED refrigerated case lighting products must have a primary use designation/category of Vertical Refrigerated Case Luminaires or Horizontal Refrigerated Case Luminaires.
- www.designlights.org

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Ineligible Lighting Technologies

Certain lighting technologies/upgrades are ineligible for incentives. These technologies include the following:

Category	Description
HID	All HID lamps
Fluorescent	All Fluorescent Lamps
Incandescent	All incandescent lamps are ineligible for incentives
Induction	Incentives are not offered for Induction equipment
LED	LED traffic lights, LED message center sign
	LEDs not listed on a qualified list
	A-19 Lamp Medium Base
	A-21 Lamp Medium Base
	PAR Reflector Lamp
	BR Reflector Lamp
	Decorative Lamp
	Downlights
CFL	Screw-in and hardwire CFLs are ineligible for incentives
Fixture Relamps	Incentives are not offered when no modifications are made to an existing fixture other than to replace an existing lamp with a lower-Wattage lamp of the same technology, other than the TLED Relamp categories listed in the Prescriptive Incentives Table.

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Area Level Lighting Controllers
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Alternative Control Strategies
Some control strategies not listed above may be allowed in addition to (or as a replacement of) listed qualifying control strategies. Alternative control strategies must provide equivalent or higher energy savings than listed qualifying control strategies. Exceptions to qualifying control strategies are considered on a project-by-project basis.

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Ineligible Lighting Technologies

Certain lighting technologies/upgrades are ineligible for incentives. These technologies include the following:

Category	Description
HID	HPS-High Pressure Sodium.
	MH-Metal Halide.
	MV-Mercury Vapor.
	PSMH-Pulse Start Metal Halide
Fluorescent	Incentives are not offered for T5 or T8 fluorescent lamps
	T10, T12, T17 fluorescent lamps.
Incandescent	All incandescent lamps are ineligible for incentives.
Induction	Incentives are not offered for Induction equipment
LED	LED traffic lights, LED message center sign.
	LEDs not listed on a qualified list.
CFL	Incentives are not offered for CFLs.
	Screw-in CFLs are ineligible for incentives.
Fixture Relamps	Incentives are not offered when no modifications are made to an existing fixture other than to replace an existing lamp with a lower-Wattage lamp of the same technology, other than the TLED Relamp categories listed in the Interior and Exterior Retrofit Lighting Incentives Table.

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