



# APPLICANT INFORMATION (REQUIRED)

Pre-Approval

Date

Final Application

Date

NAME OF COMPANY		NAME AS IT APPEARS ON YOUR UTILITY BILL	
BUSINESS TYPE			
NAME OF CONTACT PERSON		TITLE	
TELEPHONE		FAX	
E-MAIL ADDRESS			
ADDRESS WHERE FIXTURES INSTALLED			
CITY WHERE FIXTURES INSTALLED		STATE	ZIP CODE
MAILING ADDRESS			
CITY		STATE	ZIP CODE
RMU ACCOUNT NUMBER (WHERE FIXTURES INSTALLED)			
TAXPAYER ID NUMBER (SSN/FEIN)		TAX STATUS	
CONTRACTING COMPANY		CONTRACTOR CONTACT NAME	
CONTRACTOR PHONE		CONTRACTOR E-MAIL	
CONTRACTOR MAILING ADDRESS			
CONTRACTOR CITY		STATE	ZIP CODE
TOTAL PROJECT COST		PROJECT COMPLETION DATE	

I verify the information is correct and request consideration for participation under this program.

CUSTOMER SIGNATURE	PRINT NAME
--------------------	------------





# FINAL APPLICATION AGREEMENT

As an eligible RMU customer, I certify that decisions to acquire and install the indicated energy efficiency measures, which will be demonstrated with supporting documentation required by RMU, were made after Jan 1, 2018 and that work was completed on this project on or after Jan 1, 2018. The energy efficiency measures are for use in my business facility and not for resale. Project documentation, such as copies of dated invoices for the purchase and installation of the measures and/or product specification sheets, is required. Documentation indicating contract dates prior to Jan 1, 2018, may render this application ineligible.

I understand that the location or business name on the invoice must be consistent with the application information. Final applications and all required supporting documentation should be received by December 31, 2018.

I agree to verification by the utility or their representatives of both sales transactions and equipment installation.

I certify that the information on this application is true and correct, and that the Taxpayer ID Number and tax status is the applicant's. I understand that incentives will be reported to the IRS unless the applicant is tax exempt. I understand that incentive payments assume related energy benefits over a period of 5 years or for the life of the product, whichever is less.

I agree that if: (1) I do not install the related product(s) identified in my application or (2) I remove the related product(s) identified in my application before a period of 5 years or the end of the product life, whichever is less; then I shall refund a prorated amount of incentive funds to RMU based on the actual period of time in which the related product(s) were installed and operating (or the full amount if the product was never installed). This is necessary to assure that the project's related energy benefits will be achieved.

I understand that the program may be modified or terminated without prior notice.

I understand that the Final Application and all required documentation must be received by RMU within 60 days of project completion. All equipment must be purchased and installed prior to submitting the Final Application.

I understand that this project must involve a facility improvement that results in improved energy efficiency. I also understand that all materials removed, including lamps and PCB ballasts, must be permanently taken out of service and disposed of in accordance with local codes and ordinances. I understand it is my responsibility to be aware of any applicable codes or ordinances.

I understand that RMU or their representative have the right to ask for additional information at any time. RMU will make the final determination of incentive levels for this project.

The program has a limited budget. Applications will be processed until allocated funds are reserved or spent. Final applications should be received by December 31, 2018, to be eligible for funding under the current program period.

I understand that my company may be recognized as a program participant in promotional materials; however, project details will not be released without prior consent. If I choose to opt-out of any recognition, I will indicate my choice in a written letter.

I understand that RMU does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program, and further, that RMU has no obligations regarding and does not endorse or guarantee any claims, promises, work or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

I understand that in the event the application received pre-approval and funds were reserved based upon the application, such pre-approval or reservation, including the specific dollar amount of reservation, did not represent a guarantee that such funds will be paid. Payment of incentives will be based upon the final application and program terms and conditions, as well as the availability of funds.

I have read and understand the program requirements and Measure Specifications and Terms and Conditions set forth in this application and agree to abide by those requirements. Furthermore, I concur that I must meet all eligibility criteria in order to be paid under this program.

CUSTOMER SIGNATURE	PRINT NAME	DATE

**FOR FINAL APPLICATIONS, SIGN AND SUBMIT ONLY AFTER ALL EQUIPMENT HAS BEEN INSTALLED. A CUSTOMER SIGNATURE IS REQUIRED FOR PAYMENT.**



# TERMS AND CONDITIONS

RMU is offering incentives to facilitate the implementation of cost-effective energy-efficiency improvements for non-residential (commercial and industrial) customers.

Funds are limited and subject to availability.

### Program Effective Dates

The RMU energy-efficiency incentives are offered until approved funds are exhausted or December 31, 2018, whichever comes first. The effective dates of the program and application submittal requirements are as follows:

- Decisions to acquire and install energy efficiency measures must be made after Jan 1st, 2018 in order to be eligible. Any energy efficient equipment or services purchased, contracted for, or work conducted prior to Jan 1st, 2018 is not eligible for an incentive. In addition, projects with a final completion date before Jan 1st, 2018 are not eligible for an incentive.
- All projects must be completed and Final Applications received no later than December 31, 2018.

### Program and Project Eligibility

The energy savings from installed measures must occur on a meter with an eligible rate schedule. Most non-residential rate schedules are eligible. See Table 1 on this page for a list of eligible rates.

Project requirements under the program include the following:

- Projects must involve a facility improvement that results in a permanent reduction in electrical energy usage (kWh)
- Projects that are NOT eligible for an incentive include the following:
  - o Changes in operational and/or maintenance practices or simple control modifications not involving capital costs;
  - o Projects that involve peak-shifting (and not kWh savings);
  - o Renewables;
- Any measures installed at a facility must be sustainable and provide 100% of the energy benefits

as stated in the Application for a period of five (5) years or for the life of the product, whichever is less. If the Customer ceases to be a customer of RMU or removes the equipment or systems at any time during the 5-year period or the life of the product, the Customer may be required to return a prorated amount of incentive funds to RMU.

### TABLE 1 ELIGIBLE RATES

- 130 - Small General Service
- 140 - Small General Service With Demand
- 150 - Large General Service
- 151 - Large General Service - Interruptible
- 154 - Large General Service Firm Contract
- 160 - Large General Service Time-of-Day
- 163 - Data Center Time-of-Day
- 165 - Large General Service Contract Time-of-Day
- 190 - Commercial Redevelopment
- 195 - Industrial Redevelopment
- 196 - Industrial Development Firm Contract

### Incentive Payment Limits

Program year incentive limits per facility are shown in Table 2. A facility is defined as contiguous property for which a single customer is responsible for paying the RMU electric bill. Customers may receive up to \$5,000.00 per program year (Jan 1, 2018 through December 31, 2018), per facility, as described in the following table.

### TABLE 2 PROGRAM YEAR INCENTIVE LIMITS PER NON RESIDENTIAL CUSTOMER FACILITY

Prescriptive Incentives \$5,000.00 or 20% of eligible costs, whichever is lower.  
Total Incentive Limit \$5,000.00 or 20% of eligible costs, whichever is lower.

### Final Application

The Final Application must be submitted within 60 days of project completion. Project documentation, such as copies of dated invoices for the purchase and installation of the measures and/or product specification sheets, is required.

The location or business name on the invoice must be consistent with the application information. Final Applications and all required supporting documentation should be received by December 31, 2018 to be applicable for the 2018 program year.

The project invoice should provide sufficient detail





## TERMS AND CONDITIONS

to separate the project cost of other services such as repairs and building code compliance. RMU reserves the right to request additional supporting documentation as deemed necessary to ensure measure eligibility and verify that the expected energy savings will occur. All customer information will be held in confidence. Requested information could include: equipment purchase dates, installation dates, proof that the equipment is operational, manufacturer specifications, warranty information, and proof of customer co-payment.

### Application Review Process

Pre-Approval Applications are not a guarantee of program acceptance. RMU will review Final Applications for eligibility and completeness. Completed applications will be reviewed in the order received. Funds are reserved for the project when RMU receives a complete pre-approval application and determines that the project meets the program eligibility requirements. Applicants who submit incomplete applications will be notified of deficiencies upon review of the application, and could lose their place in line in the review process until all requested information is received.

### Inspections

RMU reserves the right to inspect all projects to verify compliance with the program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections, detailed lighting layout descriptions, metering, data collection, interviews, and utility bill data analyses. The customer must allow access to project documents and the facility where the measures were installed for a period of 5 years after receipt of incentive payment by RMU.

RMU may need to conduct inspections both before and after the retrofit projects to verify equipment and operation conditions. The applicant is required to submit a Pre-approval Application while the existing equipment is still in operation in order to allow RMU the opportunity to verify the existing equipment.

### Tax Liability

Incentives are taxable and will be reported to the IRS unless the Customer is exempt. RMU is not responsible for any taxes that maybe imposed on your business as a result of your receipt of this incentive.

### Disclaimer

RMU does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentive under this program. RMU has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.





## LIGHTING INCENTIVES WORKSHEET

Equipment Type	Incentive	Unit	Number of Units	Incentive Calculated
<b>Hardwired Compact Fluorescent Fixtures</b>				
29W or Less	\$ 25.00	Fixture		\$ -
30W or Greater	\$ 50.00	Fixture		\$ -
<b>Permanent Lamp Removal</b>				
Remove 4-foot Lamp	\$ 6.00	Lamp		\$ -
Remove 8-foot Lamp	\$ 8.00	Lamp		\$ -
Remove 4-foot Lamp with Reflector	\$ 12.00	Lamp		\$ -
Remove 8-foot Lamp with Reflector	\$ 16.00	Lamp		\$ -
<b>High Performance or Reduced Wattage 4 - Foot T8</b>				
4-foot Lamp and Ballast	\$ 5.00	Lamp		\$ -
4-foot Reduced Watt Lamp Only	\$ 1.00	Lamp		\$ -
<b>Reduced Wattage 8-foot T8</b>				
8-foot Lamp and Ballast	\$ 6.00	Lamp		\$ -
8-foot Lamp Only	\$ 1.00	Lamp		\$ -
<b>Specialty T8 Lamps and Ballasts</b>				
4-foot U Tube and Ballast	\$ 3.00	Lamp		\$ -
2-foot Lamp and Ballast	\$ 3.00	Lamp		\$ -
3-foot Lamp and Ballast	\$ 5.00	Lamp		\$ -
<b>Induction Lighting</b>				
Interior Induction Fixture	\$ 30.00	Fixture		\$ -
<b>Cold Cathode</b>				
Cold Cathode	\$ 3.00	Lamp		\$ -
<b>Controls</b>				
Occupancy Sensors	\$ 0.09	Watts Controlled		\$ -
Plug Load Occupancy Sensor	\$ 20.00	Sensor		\$ -
Bi-Level Stairwell/Hall/Garage Fixtures w/integrated sensors	\$ 25.00	Fixture		\$ -
<b>LED Exit Signs</b>				
LED, T-1 or Electroluminescent Exit Signs	\$ 10.00	Sign		\$ -
<b>T8/T5 New Fluorescent Fixtures with Electronic Ballast (Pre-Approval Application is Required).</b>				
Brief project description (include quantity and fixture wattages) or attach and itemized project plan.				
	\$ 0.30	Watts Reduced		\$ -
<b>Total Lighting Incentives (Maximum of \$10,000.00)</b>				<b>\$ -</b>





## LIGHTING SPECIFICATIONS

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

**Hardwired Compact Fluorescent Fixtures**

For interior hardwired CFL fixtures, only complete new fixtures or modular hardwired retrofits with hardwired electronic ballasts qualify. The CFL ballast must be programmed start or programmed rapid start with a power factor (PF)  $\geq 90$  and a total harmonic distortion (THD)  $\leq 20\%$ . Screw in CFLs are not eligible for an incentive.

**Permanent Lamp Removal (Pre-approval Required)**

Incentives are paid for the permanent removal of existing fluorescent lamps. Permanent lamp removal is the net reduction in the quantity of lamps after a project is completed. Customers are responsible for determining whether or not to use reflectors in combination with lamp removal in order to maintain adequate lighting levels. Lighting levels are expected to meet the Illuminating Engineering Society of North America (IESNA) recommended light levels. Unused lamps, lamp holders, and ballasts must be permanently removed from the fixture and disposed of in accordance with local regulations. This measure is applicable when retrofitting from T12 lamps to T8 lamps or reconfiguring a T8 fixture to reduce the number of lamps. Removing lamps from a T12 fixture that is not being retrofitted with T8 lamps are not eligible for this incentive. A pre-approval application is required for lamp removal projects in order for RMU to conduct a pre-retrofit inspection.

**High Performance 4-foot T8 Lamps and Ballast**

This measure consists of replacing existing T12 lamps and magnetic ballasts with high performance T8 lamps and electronic ballasts. This measure is based on the Consortium for Energy Efficiency (CEE) high performance T8 specification ([www.cee1.org](http://www.cee1.org)) and is summarized below. A list of qualified lamps and ballasts can be found at: <http://www.cee1.org/com/com-lt/com-lt-main.php3>. Both the lamp and ballast must meet the specification in order to qualify for an incentive. Incentives for this measure are calculated per lamp installed. A manufacturer's specification sheet must accompany the application. (see table 1)

**Reduced Wattage 4-foot T8 Lamps and Ballast**

Incentives are available for replacing T12 systems with reduced wattage lamp and electronic ballast systems. The lamps and ballasts must meet the Consortium for Energy Efficiency (CEE) specification ([www.cee1.org](http://www.cee1.org)). Qualified lamps and ballast products can be found at <http://www.cee1.org/com/com-lt/com-lt-main.php3>. Both the lamp and ballast must qualify in order to receive an incentive for the system. Incentives are calculated per lamp installed. A manufacturer's specification sheet must accompany the application (see table 2).

**Table 1. High Performance 4-foot T-8 Lamps and Ballasts**

Performance Characteristics for Systems	
Mean System Efficiency	$\geq 90$ Mean Lumens Per Watt (MLPW) for instant Start Ballasts
	$\geq 88$ MLPW for Programmed Rapid Start Ballasts
Performance Characteristics for Lamps	
Color Rendering Index (CR)	$\geq 80$
Minimum Initial Lamp Lumens	$\geq 3100$ Lumens
Lamp Life	$\geq 24,000$ Hours
Lumen Maintenance or Minimum Mean Lumens	$\geq 94\%$ or $\geq 2900$ Mean Lumens

**Table 1. High Performance 4-foot T-8 Lamps and Ballasts - Continued**

Performance Characteristics for Ballasts				
Ballast Efficacy Factor (BEF)	Instant Start Ballast (BEF)			
	Lamps	Low BF ≤ 0.85	Norm 0.85 < BF ≤ 1.0	High BF ≥ 1.01
	1	> 3.08	> 3.11	NA
	2	> 1.60	> 1.58	> 1.55
	3	≥ 1.04	≥ 1.05	≥ 1.04
	4	≥ 0.79	≥ 0.80	≥ .77
BEF=(BFx100)/Ballast Input Watts	Programmed Rapid Start Ballast (BEF)			
	1	≥ 2.84	≥ 2.84	NA
	2	≥ 1.48	≥ 1.47	≥ 1.51
	3	≥ 0.97	≥ 1.00	≥ 1.00
	4	≥ 0.76	≥ 0.75	≥ 0.75
Ballast Frequency	20 to 33 kHz or ≥ 40 kHz			
Power Factor	≥ 0.90			
Total Harmonic Distortion	≤ 20%			

**Table 2  
Reduced Wattage 4-Foot Lamps and Ballasts**

Performance Characteristics for Lamps	
Mean System Efficacy	≥ 90 MLPW
Color Rendering Index (CRI)	≥ 80
Minimum Initial Lamp Lumens	≥ 2585 Lumens for 28 W
	≥ 2400 Lumens for 25 W
Lamp Life	≥ 18,000 hrs at three hours per start
Lumen Maintenance -or-	≥ 94% -or-
Minimum Mean Lumens	≥ 2430 Lumens for 28 W
	≥ 2256 Lumens for 25 W

Performance Characteristics for 28 and 25 W Ballasts

Ballast Frequency	20 to 33 kHz or ≥ 40 kHz
Power Factor	≥ 0.90
Total Harmonic Distortion	≤ 20%

Performance Characteristics for Ballasts, 28 W systems

Ballast Efficacy Factor (BEF)	Instant-Start Ballast (BEF)	
	Lamps	All Ballast Factor Ranges
BEF - (VF x 100)/Ballast Input Watts		
Based on:	1	≥ 3.52
(1) Type of ballast	2	≥ 1.76
(2) No. of lamps driven by ballast	3	≥ 1.16
(3) Ballast Factor	4	≥ 0.88

**Table 2 - Continued  
Reduced Wattage 4-Foot Lamps and Ballasts**

Performance Characteristics for Balasts, 25 W systems

Ballast Efficacy Factor (BEF)	Instant-Start Ballast (BEF)	
	Lamps	All Ballast Factor Ranges
BEF - (VF x 100)/Ballast Input Watts		
Based on:	1	≥ 3.95
(1) Type of ballast	2	≥ 1.98
(2) No. of lamps driven by ballast	3	≥ 1.32
(3) Ballast Factor	4	≥ 0.99

**Reduced Wattage 4-foot T8 Lamps**

Incentives are also available when replacing 32 Watt T8 lamps with reduced wattage T8 lamps when an electronic ballast is already present. The lamps must be reduced wattage and meet the Consortium for Energy Efficiency (CEE) specification ([www.cee1.org](http://cee1.org)). Qualified products can be found at: <http://cee1.org/com/com-lt/com-lt-main.php3>. The nominal wattage of the new lamp must be 28W (≥ 2585 Lumens) or 25W (≥ 2400 Lumens) to qualify. A manufacturer's specification sheet must accompany the application.

**Reduced Wattage 8-foot T8 Lamps and Ballast**

This measure is for the replacement of existing T12 lamps and magnetic ballasts with reduced wattage 8-foot T8 lamps and electronic ballasts. Lamps must have a minimum MLPW of 90 and must have a nominal wattage of less than 57W. A manufacturer's specification sheet must accompany the application.

**Reduced Wattage 8-foot T8 Lamps**

Incentives are also available for replacing 59 Watt T8 lamps with reduced wattage 8-foot T8 lamps. Lamps must have a minimum MLPW of 90 and must have a nominal wattage of less than 57W. A manufacturer's specification sheet must accompany the application.

**U-tube T8 Lamps and CEE Qualified Ballasts**

This measure consists of replacing existing U-tube T12 lamps and magnetic ballasts with U-tube T8 lamps and CEE qualified electronic ballasts. The lamp must have a color rendering index (CRI)  $\geq 80$ . Qualified ballasts can be found at: <http://www.cee1.org/com/com-lt/com-lt-main.php3>. A manufacturer's specification sheet must accompany the application.

**2 and 3-foot T8 Lamps and Ballasts**

This measure consists of replacing existing T12 lamps and magnetic ballasts with T8 lamps and electronic ballasts. The lamp must have a color rendering index (CRI)  $\geq 80$  and the ballast must have a total harmonic distortion (THD)  $\geq 32\%$  at full light output, and the power factor (PF) must be  $\geq 0.90$ . A manufacturer's specification sheet must accompany the application.

**Exit Signs**

High-efficiency exit signs must replace or retrofit an existing incandescent exit sign. Electroluminescent, photoluminescent, T1 cold cathode and light-emitting diode (LED) exit signs are eligible under this category. All new exit signs or retrofit exit signs must be UL 924 listed, have a minimum lifetime of 10 years, and have an input wattage  $\geq 5$  Watts per face.

**Integrated Ballast Ceramic Metal Halide Lamps**

Qualifying lamps are 25 Watt or less integrated ballast ceramic metal halide PAR lamps with a rated life of 10,500 hours or greater.

**Metal Halide Fixtures – Pulse Start or Ceramic**

This incentive applies to retrofits of high intensity discharge fixtures with either pulse start metal halide or ceramic metal halide fixtures. Total replacement wattage must be lower than existing wattage to insure energy savings. Retrofit kits may be used on existing mercury vapor, standard metal halide or high pressure sodium fixtures only.

**Interior Induction Fixtures**

Only new, hard-wired induction fixtures qualify. New fixtures must replace, one for one, existing incandescent, mercury vapor, T12/High Output fluorescent, T12/Very High Output fluorescent, standard metal halide, or high pressure sodium fixtures in interior installations. The new fixtures must not exceed the maximum Wattage listed in the table below for each range of lamp Wattage being replaced.

Bascase Wattage	Replacement Fixture Wattage (Maximum)
$\geq 400$ Watt	360W
176-399 Watt	180W
101-175 Watt	160W
$\leq 100$ Watt	95W

**Cold Cathode**

All Cold Cathode Fluorescent Lamps (CCFLs) must replace incandescent lamps that are between 10 and 40 Watts. Cold cathode lamps may be medium (Edison) or candelabra base. Product must be rated for at least 18,000 average life hours.



**Occupancy Sensors**

Passive infrared, ultrasonic detectors and fixture-integrated sensors or sensors with a combination thereof are eligible. All sensors must be hard-wired and control interior lighting fixtures. The incentive is per Watt controlled. To assist in processing, please provide the inventory of the controlled fixtures with the Final Application.

**Plug Load Occupancy Sensor**

This incentive applies to passive infrared and/or ultrasonic detectors only. Plug-load sensors must control electricity using equipment in offices or cubicles, including lighting, shared copiers and/or printers.

**Bi-Level Stairwell/Hall/Garage Fixtures with Integrated Sensors**

Existing fixtures must be a two-lamp T12 fixture. Eligible fixtures are hardwired two-lamp T8 fluorescent fixtures with electronic ballasts and manufacturer integrated occupancy sensors used in arrears where code requires lighting 24 hours a day (such as stairwells, halls, and garages). Fixtures with manual override capabilities are not eligible. During occupied periods, the fixture should operate at full light output. During unoccupied periods, the fixture should operate at lower light output and wattage. This measure is not also eligible for the occupancy sensor or T12 to T8 incentive.

**T8/T5 New Fluorescent Fixtures with Electronic Ballast (Example-Highbay Fixtures) (Pre-approval Required)**

This measure consists of replacing one or more existing fixtures with new fixtures containing T8 or T5 lamps and electronic ballasts. The T8 or T5 lamps must have a color rendering index (CRI)  $\geq 80$ . the electronic ballast must be high frequency ( $\geq 20$  kHz), UL listed, and warranted against defects for 5 years. Ballasts must have a power factor (PF)  $\geq 0.90$ . Ballasts for 4-foot lamps must have a total harmonic distortion (THD)  $\geq 20\%$  at full light output. For 2-and 3-foot lamps, ballasts must have THD  $\geq 32\%$  at full light output. High output T5/T8 lamps also qualify for this incentive. This incentive can be used in highbay and lowbay fluorescent applications.

Incentives for this measure are calculated based on the redactor in connected watts. A pre-approval application is required for this measure in order for RMU to conduct a pre-retrofit inspection. Specifications of the new fixtures, lamps and ballasts, must accompany the final application. Incentives are only available for new fixtures. Retrofit kits are not considered to be new fixtures.

**NOTE:** PCB ballasts and lamps are hazardous materials and should be disposed of properly.

**LED Exit Signs**

All new exit signs or retrofit exit signs must be UL924 listed, have a minimum lifetime of 10 years, and have an input wattage  $\leq 5$  Watts per face.

