

The Consolidated Edison Commercial and Industrial Energy Efficiency Program Manual V122016

The Con Edison Commercial & Industrial (C&I) Energy Efficiency Program offers cash incentives for installing energy-efficient electric and gas equipment and technologies. Energy efficiency can help improve your bottom line by reducing your energy use and maintenance costs while increasing your operating efficiencies. These upgrades can also help protect the environment.

There are two pathways for both gas and electric customers: the prescriptive incentive path and the custom incentive path. The application process is simple. To get started, complete a short application, and speak with one of our dedicated Energy Advisors with any questions about your energy-efficiency project. Once the project is approved and completed, the incentive is mailed to the customer, or directly to the Market Partner, with customer approval.

Program Process

1. CHECK PROJECT AND EQUIPMENT ELIGIBILITY
 - All installed equipment must meet or exceed specifications described in this Program Manual.
2. SUBMIT AN APPLICATION PACKAGE
 - An application package is required for all projects and includes the following items:
 - Completed program application
 - Customer Proposal
 - Con Edison Excel Tool
 - Cut sheets including technical data and testing laboratory information are a required submission at the application stage for all project measures. **Specific model(s) of the measure being used in the project must be highlighted on the cut sheets before submission.**
 - W-9 of the incentive recipient.
3. SIGN PRELIMINARY INCENTIVE OFFER LETTER (IOL)
 - You will receive a Preliminary IOL once your project has been reviewed. Please clearly identify a contact person who may be present during the Pre Inspection site visit and sign the document. This offer expires in 30 days if not returned to Con Edison.
4. PRE INSPECTION
 - Con Edison will inspect the existing condition of your site. In order to be eligible for incentives work may not begin until a pre-inspection has been completed and a notice to proceed has been sent by Con Edison.
5. NOTICE TO PROCEED
 - After the pre-inspection a review of the project will occur and you will receive a Notice to Proceed indicating project work may begin.
6. INSTALL EQUIPMENT
 - The Notice to Proceed allows 90 days to complete your project and submit your completion paperwork. Contact the program team if you think your project will require more than 90 days. The program must be notified in writing to extend this deadline.

7. SUBMIT COMPLETION PAPERWORK

- Submit your completion paperwork as soon as your project is completed. The completion paperwork includes:
 - Signed Completion form
 - Final project invoices and receipts

8. POST INSPECTION

- Con Edison will inspect the new condition of the site to determine eligible incentives.

9. RECEIVE INCENTIVE PAYMENT

- Once your energy savings and incentives are finalized by the Program team, an incentive check will be mailed to you or your Market Partner. Only designated Market Partners in good standing may receive incentive payments.

Incentive Payments

Prescriptive and custom incentives cannot exceed 50% of the customer's total costs. Contractor labor costs can be considered in the total project cost, while customer internal labor costs cannot. If the incentive check is being paid to the customer, the names on the customer's Con Edison account and W9 must match. Only Market Partners in good standing will be allowed to accept incentive payments on behalf of the customer with prior written approval of the customer.

Tax Liability

Incentives may be taxable for most taxpayers. If the incentive is more than \$600, it will be reported to the IRS and the customer will be provided with an IRS form 1099, unless the customer has submitted documentation that they are a tax-exempt entity as defined by the IRS. Con Edison is not responsible for any tax liability that may be imposed on any customer as a result of the payment of program incentives. All customers must supply their Federal Tax Identification number to Con Edison in order to receive a Program Incentive. Please consult with your tax professional for information on the tax treatment of the incentives.

Customer Eligibility

- All Commercial customers, regardless of average peak demand, who pay into the EE Tracker are eligible for C&I incentives, excluding Multifamily buildings
- Customers are not eligible to upgrade measures installed by the program in previous EEPS or ETIP Cycles. An exception is made for Fluorescent lighting that was replaced prior to 2013 outside of the Brooklyn Queens Demand Management Territory and prior to 2015 within Brooklyn Queens Demand Management Territory
- Have not applied or received an incentive from New York State Energy Research and Development Authority (NYSERDA), Con Edison or another utility for the same project
- Project must be in an existing facility (new construction is not eligible for this program)
- Equipment must be installed after customer signs and submits a signed preliminary IOL from Con Edison, allows for a pre-installation inspection, and receives a Notice to Proceed from Con Edison
- The Con Edison customer of record listed on the application is a directly metered commercial or industrial customer who pays the EE Tracker

Market Partner Eligibility

All contractors that offer incentives in the Con Edison Commercial and Industrial Program must meet the following requirements:

- Meet insurance coverage minimums as defined by the program
- Complete a market partner application
- Provide three customer references upon application to the program
- Complete at least 1 project in the program annually
- Adhere to the market partner participation requirements

Only Market Partners (MP) in good standing, consistent with the MP participation requirements, will be allowed to accept incentive payments on behalf of the customer.

Market Partner Participation Requirements

The goal of this policy is to verify that projects in the Program meet all Program requirements and customers are left satisfied with their market partner's performance.

Probation and Expulsion Procedure

Based on the findings of its quality assurance and quality control activities, the Program will document and inform participating Market Partners of any significant or serious deficiencies and any corrective actions that need to be taken. Market Partners, who deliver inconsistent results, will be considered for Probation or Expulsion. The following is the Program's disciplinary policy:

1. A probationary period may be used for market partners as an initial step towards expulsion. The market partner will be notified in writing that they are now subject to a probationary period. The notification will outline the deficiencies that have been found through the QA/QC process, the period of probation (time), and any corrective actions that the market partner must take in order to be re-instated to full participation status. Probationary period is defined as a temporary removal of a market partner from participation in the program.
2. If a market partner does not meet the corrective actions outlined in their notification of probation then they will be subject to program expulsion. If a market partner receives a second Probationary period during the program year, or if they are found to engage in misconduct, they will be subject to immediate program expulsion. The market partner will be notified in writing of their expulsion. The notification shall state the deficiencies found in their performance, the reason for expulsion, and potential steps (if any) the market partner could take in order to be reinstated. Reinstatement is never guaranteed and is left to the discretion of the Program.
3. If the market partner is placed under a disciplinary status within another Con Edison program then they may automatically be placed on probation in the Commercial and Industrial Program until the issue in the other program is resolved. The Program will make the determination based on the reason for probation. Market partners must inform staff of probation or expulsion from other Con Edison programs.
4. Program expulsion is defined as the permanent removal of the Contractor from the Program. All of the privileges of Program participation will be revoked including but not limited to the use of all marketing materials associated with the Program.

Terms and Conditions

ELIGIBILITY: Consolidated Edison Company of New York, Inc.'s (Con Edison's) Commercial and Industrial Efficiency Program offers incentives to directly metered electric and gas nonresidential customers in good standing who contribute to the EE Tracker. EE Tracker is a New York State-mandated fund for initiatives focused on environmental and other public policy programs such as energy efficiency. Incentives are available to property owner/lease holder (tenant)/property manager for the purchase and installation of energy-efficiency measures at the location where the qualifying project is to be installed. Con Edison will not offer financial incentives for the same eligible measure to those customers who have received financial incentives or rebates from the New York State Energy Research and Development Authority (NYSERDA) and/or another electric or gas utility company. Accordingly, customer represents and warrants to, and covenants and agrees with, Con Edison that it has not received and will not receive any financial incentive or rebate from any other person or entity with respect to the measure(s) identified in this Application and in any Preliminary Incentive Offer or Notice to Proceed issued by Con Edison in connection herewith.

QUALIFYING PROJECTS: Qualifying projects are projects eligible for program incentives that include electric or gas energy-efficiency measures identified as eligible and site-specific custom energy-efficiency measures approved by Con Edison. Qualifying projects do not include any electric or gas energy-efficiency measures or energy-efficiency equipment or services purchased, contracted for, or installed prior to the date of Con Edison's Preliminary Incentive Offer, the date of any required pre-installation inspection or the date of customer's receipt of a Notice to Proceed.

FINANCIAL INCENTIVES: The basis for determining the amount of the financial incentive for which qualifying projects are eligible are set forth in the New York Standard Approach for Estimating Energy Savings from Energy Efficiency Measures in Commercial and Industrial Programs, as in effect from time to time. Con Edison's determination of incentive amounts is final.

APPLICATION AND WORKSHEETS: Eligible customers must submit completed applications and other required documentation as described elsewhere in this application for all proposed qualifying projects. Electronic signatures will have the same force and effect as original signatures.

APPLICATION REVIEW AND INSPECTION: Con Edison will review all applications and accompanying documentation for eligibility, completeness, and accuracy. As part of this review, Con Edison may conduct an on-site inspection of a facility's existing equipment and systems. After completing review of the application and determination of eligibility, Con Edison will send a Preliminary Incentive Offer to each qualifying customer accepted for the program, specifying the estimated incentive amount. The customer must sign and return the Preliminary Incentive Offer that includes an estimated project end date. If any proposed project does not meet program requirements, Con Edison will notify the customer that its Preliminary Incentive Offer has been rejected. To be eligible for an incentive, a customer must receive and counter-sign a Notice to Proceed from Con Edison, and any required pre-installation inspection must be completed, before customer orders, purchases, or installs qualifying equipment. Con Edison reserves the right to reject any estimates. Customer understands that the estimated incentive amount identified in any Notice to Proceed is an estimate only and may not reflect the actual amount payable to customer upon completion of a qualifying project.

INSTALLATION TIME LIMITS: Installation time limits will be stated in the Notice to Proceed. Any changes to specified time limits must be requested in writing and agreed to by Con Edison in writing. Failure to meet approved deadlines may result in denial of incentive payments. Con Edison may elect to conduct pre- and/or post-installation inspections.

FINAL INSPECTION AND INCENTIVE PAYMENT: When installation is completed, customers must notify Con Edison in writing and submit invoices specifying the quantity and cost of all materials purchased and installed, the date ordered, the date purchased, the date delivered, installation costs, and applicable taxes. Con Edison, in its sole discretion, may schedule and conduct a post-installation inspection. The actual incentive amount will be determined based upon the inspection and may vary from original estimates. Incentive checks will be sent approximately six weeks after receipt of all proper invoices and verification of all installations. Checks will be payable directly to the Con Edison account holder unless otherwise indicated in the Payee Authorization section of this application. Customer agrees that Con Edison may provide customer information including customer name, account number, electric and/or gas consumption data, and electric and/or gas energy savings to its third party evaluation contractor for program evaluation purposes. The evaluation contractor will keep customer information confidential. Customer information may also be provided to the New York State Public Service Commission. Any customer information provided to the New York State Public Service Commission will be

aggregated with information about other customers and not personally identifiable.

TAX LIABILITY and CREDITS: Con Edison is not responsible for any taxes which may be imposed on the customer or business as a result of projects installed under this program. The incentive check recipient may want to consult a tax advisor about any tax consequences of this offer. The incentive check recipient must provide a valid federal tax ID number and a W-9 form.

REMOVAL of EQUIPMENT: The applicant agrees, as a condition of participation in the program, to remove and dispose at its sole cost and expense any and all equipment or materials that are replaced or removed in accordance with all applicable laws, rules, and regulations.

DISPUTES: Con Edison will have sole discretion to decide on the final resolution of any issues including but not limited to energy savings, projects, eligibility, or incentives.

PROGRAM CHANGES: Con Edison reserves the right to change, modify, or terminate this program at any time without any liability except as expressly stated herein. Con Edison will honor all written commitments made in the Notice to Proceed sent to customers prior to the date of any change, modification or termination of this program, provided that project installations are fully completed within the time specified in the Preliminary Incentive Offer and Notice to Proceed.

PROGRAM EXPIRATION: This program will expire **December 31, 2017**, when funds are depleted, or when the program is terminated, whichever occurs first or as determined by program management.

DISCLAIMER: Customer acknowledges and agrees that Con Edison shall not be liable to customer or any other person or entity in connection with any qualifying project undertaken by customer, including in connection with Con Edison's review or approval of this application and/or worksheets. Con Edison makes no representation or warranty, and undertakes no responsibility whatsoever concerning the adequacy of any project design or plan, any construction or installation work, the completion of any project or the performance of any energy efficiency measures or equipment. To the fullest extent permitted by law, customer, on behalf of itself and any other person or entity claiming by and through customer, hereby irrevocably and unconditionally releases and forever discharges, and agrees to defend, indemnify, and hold harmless Con Edison, its affiliates, and their respective past, present and future officers, directors, trustees, stockholders, employees, agents, representatives, successors and assigns, from any and all claims, charges, complaints, causes of action, damages, losses, agreements and liabilities of any kind or nature arising from the design, installation or performance of any energy efficiency measure or equipment purchased or installed in connection with the program (including without limitation, claims for personal injury, death or property damage) or related to energy costs incurred by customer, including, without limitation, attorneys' fees, court costs and costs of experts. Accordingly, Con Edison, its representatives recommend that all customers consider engaging qualified engineers or other qualified consultants to evaluate the risks and benefits, if any, of such implementation and use on energy consumption, cost savings, or operation of customers' facilities.

INSTALLATION REQUIREMENTS: Customer assumes sole responsibility for installation work. Customer acknowledges that all work must be in full compliance with the requirements of applicable laws, rules, and regulations of authorities having governmental and regulatory jurisdiction.

Eligible Measures and Incentives

All measures and incentives listed below are subject to change at the discretion of Con Edison without prior written notification.

Lighting Measures

Prescriptive Incentives for Solid State Lighting Luminaires (aka Fixtures), Lamps, and Control Equipment Measures

Note: Any LED or lighting measure not listed below is not presently eligible for incentives under the Con Edison C&I Program. The following are the **Prescriptive Incentives** currently offered for LED lighting measures:

1. Solid State (aka LED) Interior Lighting:
 - A. Requirements: All lamps and fixtures must be solid state lighting certified and listed on the Design Lights Consortium (DLC) Qualified Product List (QPL) version 3.0 or later at the time the preliminary IOL is approved in order to be eligible for the program. All documentation of compliance with program requirements must be submitted to Con Edison at the time of application submission.
 - B. All baseline existing linear fluorescent lamp incentives are based on a single category including all T5, T8, or T12 unless explicitly distinguished. If the existing fixture and/or lamp type is different than described below, the measure will not be eligible for a prescriptive incentive.

Measure Type	Replacement Type	Existing Condition	Incentive	Unit
LED Interior Screw-In or Pin-Based Lamps	Lamp Replacement	Incandescent ≤ 60 watts Halogen ≤ 60 watts CFL < 32 watts	\$2	Lamp
		Incandescent > 60 watts Halogen > 60 watts CFL > 32 watts	\$5	
	Fixture Replacement	Incandescent ≤ 60 watts	\$10	Fixture
		Halogen < 60 watts	\$10	
		CFL 1 lamp < 32 watts	\$10	
		Incandescent > 60 watts	\$25	
	Halogen > 60 watts	\$25		
	CFL 2 lamp < 32 watts	\$25		
Tubular (Linear) LED Lamp, UL Type 'A'	Lamp Replacement	Fluorescent 1-lamp	\$1.50	Linear Foot
Tubular (Linear) LED Lamp, UL Type 'C'	Lamp Replacement	Fluorescent 1-lamp	\$2	Linear Foot
U Bend LED Lamp	Lamp Replacement	Fluorescent 1-lamp	\$8	Lamp
LED Interior Troffer – 1x4	Retrofit Kit or Fixture Replacement	Fluorescent 1-lamp	\$10	Kit or Fixture
		Fluorescent 2-lamp	\$15	
		Fluorescent 3-lamp	\$20	
LED Interior Troffer – 2x2	Retrofit Kit or Fixture Replacement	Fluorescent 3-lamp	\$10	Kit or Fixture
		4-lamp	\$15	
LED Interior Troffer – 2x4	Retrofit Kit or Fixture Replacement	Fluorescent 2-lamp	\$15	Kit or Fixture
		Fluorescent 3-lamp	\$20	
		Fluorescent 4-lamp	\$30	
LED Interior High Bay	Fixture Replacement	T5 2-lamp	\$25	Fixture
		T5 3-lamp	\$50	
		T5 4-lamp	\$75	
		T8 4-lamp	\$35	
		T8 6-lamp	\$50	
		T8 8-lamp	\$75	

2. Solid State (aka LED) Exterior Lighting

Measure	Replacement Type	Existing Condition	Customer Incentive per Fixture	Unit
LED Canopy	Fixture Replacement	Existing ≤ 100 Watts	\$25	Fixture
		Existing 101 - 249 Watts	\$75	
		Existing ≥ 250 Watts	\$100	
LED Parking Garage	Fixture Replacement	Existing ≤ 100 Watts	\$75	Fixture
		Existing 101 - 249 Watts	\$100	
		Existing ≥ 250 Watts	\$200	
LED Area and Pole Mounted	Fixture Replacement	Existing ≤ 100 Watts	\$20	Fixture
		Existing 101 - 249 Watts	\$60	
		Existing ≥ 250 Watts	\$80	
LED Street Lights	Fixture Replacement	Existing ≤ 100 Watts	\$25	Fixture
		Existing 101 - 249 Watts	\$50	
		Existing ≥ 250 Watts	\$75	
LED Wall Pack – Exterior	Fixture Replacement	Existing ≤ 100 Watts	\$50	Fixture
		Existing 101 - 399 Watts	\$100	
		Existing ≥ 400 Watts	\$150	
LED Wall Pack – Garage	Fixture Replacement	Existing < 100 Watts	\$50	Fixture
		Existing 101 - 399 Watts	\$100	
		Existing > 400 Watts	\$150	

3. Refrigerated Display Cases Lighting: Lighting applications include refrigerated low and medium temperature open or closed display cases.

Measure	Incentive	Unit
Refrigerated Display Case Lamp (Low/Med. Temperature)	\$5	Linear Foot

4. Exit Signs: Only new Light Emitting Diode (LED) or Light Emitting Capacitor exit signs are eligible replacing Incandescent or CFL exit sign fixtures.

Measure	Incentive	Unit
Light Emitting Capacitor/Diode Exit Sign	\$10	Per Fixture

Lighting Controls

A. Bi-Level Stairwell Lighting Controls

1. Qualifying fixtures must be DLC QPS listed bi-level stairwell LED fixtures.
2. The fixture cannot exceed 50% of full wattage during unoccupied periods.
3. Must be code compliant with fail safe features for proper stairwell lighting requirements.

4. This incentive cannot be combined with other lighting incentives.
5. Only fixtures in stairwells qualify.

Measure	Incentive	Unit
Bi-Level Stairwell Lighting Controls	\$75	Per fixture

B. Interior and Exterior Lighting Controls

1. Occupancy sensor must be hard-wired, passive infrared, or ultrasonic.
2. Minimum 100 watts controlled.

Measure	Eligibility Criteria	Incentive	Unit
Daylight or Occupancy Control for Exterior Area/Pole Mounted Fixtures	LED Fixture	\$20	Sensor
	HID Fixture \leq 100 Watts	\$25	
	HID Fixture 101 – 249 Watts	\$40	
	HID Fixture \geq 250 Watts	\$75	
Daylight or Occupancy Control for Exterior Canopy Fixtures	LED Fixture	\$15	Sensor
	HID Fixture \leq 100 Watts	\$25	
	HID Fixture 101 – 249 Watts	\$40	
	HID Fixture \geq 250 Watts	\$75	
Daylight or Occupancy Control for Exterior Parking Garage Fixtures	LED Fixture	\$5	Sensor
	HID Fixture \leq 100 Watts	\$25	
	HID Fixture 101 – 249 Watts	\$10	
	HID Fixture \geq 250 Watts	\$40	
Daylight or Occupancy Control for Exterior Wall Pack Fixtures	LED Fixture	\$15	Sensor
	HID Fixture \leq 100 Watts	\$20	
	HID Fixture 101 – 399 Watts	\$50	
	HID Fixture \geq 400 Watts	\$100	
Daylight Dimming, Daylight Stepped, Occupancy, or Programmable Controls for Interior Spaces	Existing Switched Control Only	\$25	Sensor
Networked Controls	Existing Switched Control Only	\$50	Sensor
Daylight or Occupancy Control for Fixtures In Refrigerated Cases	Existing Switched Control Only	\$25	Sensor

Performance-Based Incentives for Solid State Lighting Measures

The Con Edison C&I Program offers performance-based incentives for applications where the total interior Lighting Power Density (LPD) allowance is less than the maximum power allowance as determined by the applicable energy conservation code requirements. Custom incentives for such applications are based on annual kWh savings at a rate of **\$0.16/kWh**.

HVAC Measures

Prescriptive Incentives for HVAC Measures

The Con Edison C&I Program offers the following prescriptive incentives for equipment upgrades related to HVAC.

Measure	Type	Size	Eligibility Criteria	Incentive	Unit
Gas Heating/Hot Water Controls	Boiler Reset Controls	n/a	n/a	\$200	unit
	Setback Thermostat	n/a	n/a	\$30	unit
Infrared Unit Heater	n/a	n/a	Limited to replacing existing natural gas burning non-infrared heating systems. Must be new, low-intensity, infrared gas-fired unit heater.	\$500	unit
Packaged Terminal AC (PTAC)	Standard Size	All Capacities	$EER > 14.0 - (0.300 \times \text{Cooling Capacity in BTUh/1000})$	\$50	ton
Packaged Terminal AC (PTAC)	Nonstandard Size	All Capacities	$EER > 10.9 - (0.213 \times \text{Cooling Capacity in BTUh/1000})$	\$50	ton
Packaged Terminal Heat Pump (PTHP)	Standard Size	All Capacities	$EER > 14.0 - (0.300 \times \text{Cooling Capacity in BTUh/1000})$ AND $COP > 3.7 - (0.052 \times \text{Heating Capacity in BTUh/1000})$	\$50	ton
Packaged Terminal Heat Pump (PTHP)	Nonstandard Size	All Capacities	$EER > 10.9 - (0.213 \times \text{Cooling Capacity in BTUh/1000})$ AND $COP > 2.9 - (0.026 \times \text{Heating Capacity in BTUh/1000})$	\$50	ton
Single-Package Vertical Air Conditioner (SPVAC)	Standard	All Capacities	$EER > 10.0$	\$50	ton
Single-Package Vertical Heat Pump (SPVHP)	Standard	All Capacities	$EER > 10.0$ AND $COP > 3.0$	\$50	ton
Unitary HVAC and Split Air systems	Single Package or Split system < 5.4 tons	< 65 MBH	$SEER > 14.0$	\$100	ton
	5.4 to < 11.25 tons	65 to < 135 MBH	$EER > 11.5$ AND $IEER > 12.8$	\$60	ton
	11.25 to < 20 tons	135 to < 240 MBH			
	20 to < 63 tons	240 to < 760	$EER > 10.5$ AND $IEER > 11.6$	\$50	ton

		MBH			
	> 63 tons	> 760 MBH	EER > 10.0 AND IEER > 11.2		
Air to Air Heat Pump	Split System < 5.4 tons	< 65 MBH	SEER > 14.0 AND HSPF > 8.2	\$125	ton
	Single Package < 5.4 tons		SEER > 14.0 AND HSPF > 8.0		
	≥ 5.4 to < 11.25 tons	≥ 65 to < 135 MBH	EER > 11.0 AND IEER > 12.0 AND COP > 3.3	\$80	ton
	≥ 11.25 to < 20 tons	≥ 135 to < 240 MBH	EER > 10.6 AND IEER > 11.6 AND COP > 3.2		
	≥ 20 to < 63 tons	≥ 240 to < 760 MBH	EER > 9.5 AND IEER > 10.6 AND COP > 3.2		
Water Source Heat Pump (Water Loop)	< 11.25 tons	< 135 MBH	EER > 13.0 AND COP > 4.3	\$80	ton
	≥ 11.25 tons	≥ 135 MBH	EER > 13.0 AND COP > 4.3	\$80	ton

Measure	Type	Size	Eligibility Criteria	Incentive	Unit
High Efficiency Natural Gas Furnace	n/a	< 225 MBH	AFUE ≥ 92%	\$500	unit
		≥ 225 < 500 MBH	Minimum Thermal Efficiency of 90%	\$750	
		≥ 500 < 1,000 MBH		\$1,500	
		≥ 1,000 MBH		\$2,500	
High Efficiency Natural Gas Hot Water Boiler	Non Condensing	< 300 MBH	AFUE ≥ 85%	\$1,000	unit
		≥ 300 < 500 MBH	Minimum Thermal Efficiency of 85%	\$2,000	
		≥ 500 < 1,000 MBH		\$2,500	
		≥ 1,000 ≤ 2500 MBH		\$3,500	
	Condensing	> 2500 MBH	Minimum Combustion Efficiency of 88%	\$3,500	unit
		< 300 MBH	AFUE ≥ 90%	\$2,000	
		≥ 300 < 500 MBH	Minimum Thermal Efficiency of 90%	\$3,000	
		≥ 500 < 1,000 MBH		\$5,000	
≥ 1,000 ≤ 2500 MBH	\$15,000				
> 2500 MBH	Minimum Combustion Efficiency of 93%	\$15,000			
High Efficiency Natural Gas Hot Steam Boiler	n/a	< 300 MBH	AFUE ≥ 82%	\$700	unit
		≥ 300 ≤ 2500 MBH	Minimal Thermal Efficiency of 82%	\$2,500	
		> 2500 MBH	Minimum Combustion Efficiency of 82%	\$2,500	

Performance-Based Incentives for HVAC Measures – Chillers

Chiller equipment must meet minimum efficiency requirements as described in ASHRAE 90.1 – 2013, as outlined below, in order to be eligible for the Con Edison incentive of \$0.16/kWh saved. You may choose Path A or Path B. Once a path is chosen, both full and part load requirements must be met. Incentive bonus for super-efficient chillers is no longer offered.

Equipment Type	Size Category	Units	Path A		Path B		Incentive
			Full load	IPLV	Full load	IPLV	
Air cooled, with condenser, electrically operated	<150 tons	EER	>10.100	>13.700	>9.700	>15.800	\$0.16/kWh saved
	≥150 tons		>10.100	>14.000	>9.700	>16.100	
Water cooled, elec. operated, positive displacement, rotary	<75 tons	kW/ton	<0.750	<0.600	<0.780	<0.500	
	75 to <150 tons		<0.720	<0.560	<0.750	<0.490	
	150 to <300 tons		<0.660	<0.540	<0.680	<0.440	
	300 to <600 tons		<0.610	<0.520	<0.625	<0.410	
	≥600 tons		<0.560	<0.500	<0.585	<0.380	
Water cooled, elec. operated, centrifugal	<150 tons	kW/ton	<0.610	<0.550	<0.695	<0.440	
	150 to <300 tons		<0.610	<0.550	<0.635	<0.400	
	300 to <400 tons		<0.560	<0.520	<0.595	<0.390	
	400 to <600 tons		<0.560	<0.500	<0.585	<0.380	
	≥600 tons		<0.560	<0.500	<0.585	<0.380	

Commercial Kitchen Equipment Measures

Retrofitting existing pre-rinse spray valves with low-flow pre-rinse spray valves in locations where service water is supplied by natural gas fired hot water heaters help reduce hot water consumption, resulting in corresponding natural gas savings.

Measure	Type	Flow Rate	Eligibility Criteria	Incentive	Unit
Pre-Rinse Spray Valve	Low-flow	1.12 GPM	Retrofit only	\$25	unit

Variable Frequency Drives and Motors Measures

VFDs provide opportunities for energy savings in many motor-driven systems. By controlling motor speed and torque (twisting force) to accommodate system load variations, VFDs coupled with NEMA premium-efficiency motors offer greatly enhanced system control and efficiency. New VFD's replacing existing VFD's are not eligible for the program.

Prescriptive Incentives for Variable Frequency Drive Measures

The following HVAC-related VFD applications are eligible for a **\$60/HP** prescriptive incentive for specific building use applications.

- Building Exhaust Fans
- Make-up Air Fans
- HVAC Supply and Return Air Fans
- Heating Water Pumps
- Cooling Tower Fans
- Chilled/Condenser Water Pumps
- Water Source Heat Pump Circulating Loop Pumps
- Boiler Feed Water Pumps

Performance-Based Incentives for Variable Frequency Drive Measures

The following non-HVAC, process-related VFD applications can be eligible for performance-based **Custom incentives**, with payment based on annual kWh savings at a rate of **\$0.16/kWh**.

- Process Fans and Pumps
- Process Machinery
- Air Compressors
- Other Processes where system efficiencies are improved by coupling VFDs with motor-driven systems

Performance-Based Incentives for Motors

The Con Edison C&I Program offers the following financial incentives for energy efficient motors that exceed the efficiency ratings indicated here:

Motors									
Open, Drip-proof (ODP)					Totally-enclosed, Fan-cooled (TEFC)				
Motor Size (HP)	Must Exceed Listed Efficiency to Qualify as Premium Motor			Incentive	Motor Size (HP)	Must Exceed Listed Efficiency to Qualify as Premium Motor			Incentive
	Speed (RPM)					Speed (RPM)			
	1200	1800	3600			1200	1800	3600	
1 hp	82.5	85.5	77.0	\$0.16 / kWh saved	1 hp	82.5	85.5	77.0	\$0.16 / kWh saved
1.5hp	86.5	86.5	84.0		1.5hp	87.5	86.5	84.0	
2 hp	87.5	86.5	85.5		2 hp	88.5	86.5	85.5	
3 hp	88.5	89.5	85.5		3 hp	89.5	89.5	86.5	
5 hp	89.5	89.5	86.5		5 hp	89.5	89.5	88.5	
7.5 hp	90.2	91.0	88.5		7.5 hp	91.0	91.7	89.5	
10 hp	91.7	91.7	89.5		10 hp	91.0	91.7	90.2	
15 hp	91.7	93.0	90.2		15 hp	91.7	92.4	91.0	
20 hp	92.4	93.0	91.0		20 hp	91.7	93.0	91.0	
25 hp	93.0	93.6	91.7		25 hp	93.0	93.6	91.7	
30 hp	93.6	94.1	91.7		30 hp	93.0	93.6	91.7	
40 hp	94.1	94.1	92.4		40 hp	94.1	94.1	92.4	
50 hp	94.1	94.5	93.0		50 hp	94.1	94.5	93.0	
60 hp	94.5	95.0	93.6		60 hp	94.5	95.0	93.6	
75 hp	94.5	95.0	93.6		75 hp	94.5	95.4	93.6	
100 hp	95.0	95.4	93.6		100 hp	95.0	95.4	94.1	
125 hp	95.0	95.4	94.1		125 hp	95.0	95.4	95.0	
150 hp	95.4	95.8	94.1	150 hp	95.8	95.8	95.0		
200 hp	95.4	95.8	95.0	200 hp	95.8	96.2	95.4		

Performance Based Incentives for Refrigeration

Measures

All refrigeration measures are incentivized at a rate of \$0.16 / kWh saved.

1. Door Gaskets: Door Gasket replacement for reach-in coolers and walk-in freezers.

- A. Replacing existing, damaged door gaskets in applications including refrigerated low (cooler) or medium (freezer) temperature reach-in cases or walk-in freezers.
- B. The ratio of damaged length of gasket to total length of gasket must meet or exceed the minimum values listed.

Measure	Min. % of damaged length	Incentive	Unit
Reach-in Cooler	37.3%	\$0.16	Per kWh saved
Reach-in /Walk-in Freezer	4.9%		

2. Refrigerated Case Night Covers: Installation of night covers on open, multi-deck cases (medium temperature). Must not replace an existing night cover.

Measure	Temperature	Incentive	Unit
Night Cover	Low (-35° to -5° F)	\$0.16	Per kWh saved
	Medium (0° to 30° F)		
	High (35° to 55° F)		

3. Strip Curtains: Replacing damaged or missing strip curtains in walk-in coolers or freezers. Available for applications with no existing strip curtain or in cases where more than 15% of the door area covered by existing strip curtain is open.

Measure	Min. % of missing/damaged door area	Incentive	Unit
Walk-in Cooler	15%	\$0.16	Per kWh saved
Walk-in Freezer			

4. Electronically Commutated (EC) Motors: Replacing existing motors with EC motors for reach-in coolers and walk-in coolers or freezers. Existing motor must be shaded pole or split capacitor type.

Measure	Incentive	Unit
Reach-in Cooler	\$0.16	Per kWh saved
Walk-in Cooler/Freezer		

5. Anti-Condensation Heater Controls: Installation of controls that turn off door heaters in reach-in coolers of freezers when there is low risk of condensation. New heater control must not replace existing heater control.

Measure	Incentive	Unit
Anti-Sweat Heater Control - Reach-in Cooler or Freezer	\$0.16	Per kWh saved

Performance-Based Incentives for Other Measures

Other non-lighting energy efficiency upgrades not listed above may be eligible for performance-based **Custom incentives** at the rate of \$0.16 per kWh, with payment based on estimated kWh savings.