




2021-2022

Business Program
Energy Solutions

FirstEnergy[®]

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Our Energy Solutions for Business Program offers custom solutions based on your company's needs. Available programs include:

- Lighting
- Food service equipment
- Appliances
- Combined heat and power
- HVAC
- Agricultural equipment
- Consumer electronics



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FirstEnergy's Pennsylvania utilities offer a suite of programs to benefit all customer sizes and project types. To view all available Commercial and Industrial offerings please go to energysavePA-business.com.

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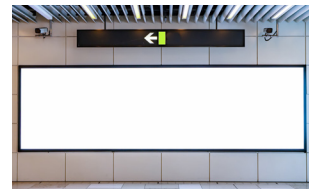
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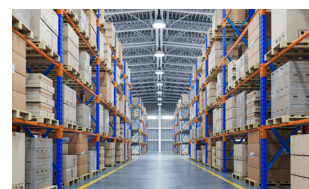
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Incentive Application



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Project type:	<input type="checkbox"/> Retrofit <input type="checkbox"/> Replace on Failure	Have you committed to moving forward with this project? A commitment includes but is not limited to signing a purchase order or contract.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Project Start Date:		ESTIMATED COMPLETION DATE:	OFFICE USE ONLY: Project #

CUSTOMER INFORMATION

Company Name: (as it appears on your bill)			Contact Name:		
Contact Phone #:		Contact Title:		Email:	
Address:					
City:				State:	PA ZIP:
Mailing Address:					
City:				State:	PA ZIP:
Building Type:	<input type="checkbox"/> Agriculture <input type="checkbox"/> Auto Repair <input type="checkbox"/> Convenience Store <input type="checkbox"/> Grocery <input type="checkbox"/> Data <input type="checkbox"/> Heavy Industrial <input type="checkbox"/> Light Industrial <input type="checkbox"/> Education <input type="checkbox"/> University/College <input type="checkbox"/> Hospital <input type="checkbox"/> Hotel/Motel <input type="checkbox"/> Large <input type="checkbox"/> Office <input type="checkbox"/> Small Office <input type="checkbox"/> Religious <input type="checkbox"/> Public Assembly <input type="checkbox"/> Big Box Retail <input type="checkbox"/> Small Retail <input type="checkbox"/> Restaurant <input type="checkbox"/> Warehouse <input type="checkbox"/> Other: _____				
Government No-profit Type:	<input type="checkbox"/> Government (Federal) <input type="checkbox"/> Government (State, county, or municipal) <input type="checkbox"/> Government (Multifamily) <input type="checkbox"/> Institutional <input type="checkbox"/> Low Income <input type="checkbox"/> Non-Profit <input type="checkbox"/> N/A				
Is natural gas an available fuel source at the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		Facility Square Footage:		
Primary Heating System:	<input type="checkbox"/> VAV with packaged rooftop <input type="checkbox"/> Boiler <input type="checkbox"/> Heat Pump Furnace <input type="checkbox"/> Other: _____			Primary Heating Fuel:	<input type="checkbox"/> Electric <input type="checkbox"/> Gas <input type="checkbox"/> Other: _____

CONTRACTOR INFORMATION

Name of Contracting Company:			Contact Name:		
Contact Phone #:			Contact Title:		
Address:					
City:				State:	PA ZIP:
Mailing Address:					
City:				State:	PA ZIP:
Technical Contact: Who is the primary contact for technical questions?					
Customer:			Contractor:		
Payee Information: If an incentive is awarded, who should receive payment?					
Customer:			Contractor:	Other:	

PAYEE INFORMATION

Company Name:			Contact Name:		
Phone #:			Email:		
Mailing Address:				TIN/SSN:	
City:			State:	PA ZIP:	

Please attach spec sheets and cost estimates for all proposed new equipment.

Terms & Conditions



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Definitions

- **FirstEnergy's Pennsylvania Utilities ("The Company" or "Companies")** – Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company.
- **Program or Programs** – Companies' programs approved by the Pennsylvania Public Utility Commission ("PUC") for implementation under Pennsylvania Act 129 Phase IV. This application relates to the Business programs supporting energy efficiency in the Companies' Commercial and Industrial customer facilities including, municipal, government and institutional facilities.
- **Program Administrator** – The party contracted by the Companies for management of the Programs.
- **Energy Efficiency Measures** – Any equipment or action eligible to receive a Program Incentive payment under the Program.
- **Participant (or Participants or Participating Customers)** – Those non-residential retail electric service eligible customers of the Companies who participate in this Program.
- **Program Incentives** – Refers to the monetary incentive, equipment or service that the Program provides to FirstEnergy's Pennsylvania Utilities qualifying customers.

Eligibility

Participant or Participants as defined above and served by FIRSTENERGY'S PENNSYLVANIA UTILITIES. Residential customers are not eligible for incentives through the Commercial and Industrial Programs. Incentives are awarded only to Participants, or their assigned agents, for qualifying equipment ("Energy Efficiency Measures") that is installed in the Commonwealth of Pennsylvania at the location identified in this Application, and such Participants are responsible for compliance with the Terms and Conditions set forth herein.

Compliance

The Participant is responsible to comply with all applicable laws, rules and regulations, and to comply with all federal, state, and local codes.

Publicity

With Participant's written permission, the Companies may publicly recognize participation in the Programs and disclose information relating to the Participant's participation in the program, including such data as: projected project energy savings, the incentive amount, and other similar information.

Application and Eligibility Process

The Programs provide for payment of incentives after the installation of qualified energy efficiency measures and review of final documentation for compliance with program requirements by the Program Manager. In order to be eligible for incentives, a Participant, or an agent (contractor/vendor) authorized by the Participant, must submit a properly completed application with necessary supporting documentation before an application can be accepted into the program. If eligible, the Participant will receive an approval letter with the estimated incentive amount and the date by which the equipment must be installed for the approval to remain in effect.

After installation is completed, the Participant must finalize and resubmit the completed equipment application reflecting the "as built" project, along with invoice(s), the manufacturer's equipment specification sheet, and any other required documentation as may be specified by the program's initial approval letter or program eligibility requirements. Applications must be filled out completely, truthfully and accurately, and include signatures of the Participant and its authorized agents (as appropriate). Incentive payment will be based on the "as-built" documentation provided with the final project application.

Projects completed (installed) on or after June 1, 2021, that did not obtain approval from the program may apply for incentives no later than 180 days from the date of project completion. Completion is defined as all equipment installed and operable.

Dates of Program

Incentives are available for eligible Energy Efficiency Measures for which equipment is installed and operable on or after June 1, 2021 through May 31, 2026.

Dated Proof of Purchase and complete documentation will be required with final application submission for the participant to be eligible for incentive payment. The program is subject to revision or termination at any time by the Companies.

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Installation Schedule Requirements

Pre-approved projects will receive approval letters defining terms for payment and a commitment expiration date. If the Participant: (1) has not engaged in installation of the pre-approved project; and (2) has not applied to the Program Manager for a project extension within 90 days from the date the Program Manager pre-approves the project, the Program Manager may cancel Participant's application without liability.

Acceptable Proof of Purchase

Acceptable forms of Proof of Purchase include paid invoices or receipts. The documentation must show item numbers, quantities and descriptions that are of sufficient detail to verify that the installed equipment meets efficiency requirements. Additionally, the post-installation documentation must include manufacturers' specifications ("cut sheets") that list the efficiency ratings of the equipment. The Program Manager may, at its sole discretion, accept other forms of proof of purchase.

Evaluation, Measurement and Verification

The Program Manager may, but is not obligated to, conduct an inspection of the facility to verify pre- and post-installation conditions or verify documentation prior to incentive payment, at any time after receipt of applications and up to 5 years after payment of incentives. In addition, the Pennsylvania Public Service Commission and the Companies have engaged Evaluation Measurement and Verification ("EM&V") contractors to evaluate program performance which may involve additional visits. The applicant must provide reasonable access to the facility, the equipment, and related documentation and data. The Companies, or their agents, may install simple/standard metering devices on equipment for program data collection, measurement and verification purposes. The Companies and their agents are not obligated to pay any incentive awards until it has performed a satisfactory post-installation verification, unless it has waived this requirement. If the Program Manager determines that the equipment was not installed in a manner consistent with the approved application, or if non-qualifying equipment was installed, Program Manager may require changes before making incentive payment.

If qualifying equipment cannot be located at the Participant's facility or is not installed in a manner consistent with the provisions of these Terms and Conditions, the Companies may seek recovery of the incentives paid.

Assignment

The Participant may assign Program Incentives to a specified third party(s).

Participating Customer's Certification

Participant certifies that he/she purchased and installed the equipment listed in its application at its defined Pennsylvania location listed therein. Participant agrees that all information is true and that he/she has conformed to all of the program's eligibility requirements, terms and conditions.

Incentive Amounts

Program incentives will equal: a) the approved Program Incentive amount reflecting incentives in effect at the time of approval, or b) based on verified savings using the measurement & verification protocol developed for this project, or c) maximum Incentive amount subject to Program limitations as defined by the Program. If the project is completed after the approval has expired, the Program Incentive amount may be subject to change based on availability of funds and incentive rates in effect at that time. Allow ninety (90) business days for delivery of the Program Incentive. Applications requiring post-installation inspections, or if unanticipated high volume of application submission activities occur, additional time may be required to process Program Incentive. If information is missing or incorrect on the application, processing and delivery of the Program Incentive will not occur until all required information is correct and provided.

Taxes

Incentives received by the Participant under this Application may be taxable by the federal, state, and local government. The Participant is responsible for declaring and paying all such taxes. Companies shall have no liability or obligation for any taxes.

Indemnification and Limits of Liability

The Participant shall protect, indemnify, and hold harmless the Companies and their parents, subsidiaries, affiliates, agents, contractors, employees, officers, and directors from and against all liabilities, losses, claims of death or injury or other damages, judgments, penalties, causes of action, costs and expenses (including, without limitation, attorney's fees and expenses) incurred by or assessed against the

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Companies or their parents, subsidiaries, affiliates, agents, contractors, employees, officers and directors arising out of or relating to the performance of this Application or arising out of or relating to the installation, use and maintenance of the equipment, designs, practices or methods involved in this Participant's project.

In no event shall any indemnified party be liable for any punitive, exemplary, special, indirect, incidental or consequential damages (including, but not limited to, lost profits, lost business opportunities, loss of use or equipment down time, and loss of or corruption to data) arising out of or relating to this Agreement or Program, regardless of the legal theory under which such damages are sought.

Warranties

The Companies and their parents, subsidiaries, affiliates, agents, contractors, employees, officers, and directors make no express or implied warranties regarding the performance of installed equipment, the quality of any contractor's work, or that the equipment will result in any energy or cost savings.

THE COMPANIES AND THEIR PARENTS, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, EMPLOYEES, OFFICERS, AND DIRECTORS DO NOT ENDORSE, GUARANTEE, OR WARRANT ANY PARTICULAR MANUFACTURER OR PRODUCT, AND THEY PROVIDE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR ANY PRODUCT OR SERVICES. THE COMPANIES AND THEIR PARENTS, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, EMPLOYEES, OFFICERS, AND DIRECTORS ARE NOT LIABLE OR RESPONSIBLE FOR ANY ACT OR OMISSION OF ANY CONTRACTOR (IF ANY). THE CUSTOMER'S WARRANTIES ARE LIMITED TO ANY WARRANTIES THAT MAY BE PROVIDED BY CONTRACTORS, VENDORS OR EQUIPMENT MANUFACTURER. NEITHER THE COMPANIES

NOR THEIR PARENTS, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, EMPLOYEES, OFFICERS, AND DIRECTORS ARE RESPONSIBLE FOR ASSURING THAT THE DESIGN, ENGINEERING AND CONSTRUCTION OF THE FACILITY OR INSTALLATION OF THE EQUIPMENT IS PROPER OR COMPLIES WITH ANY PARTICULAR LAWS, CODES, OR INDUSTRY STANDARDS. THE COMPANIES AND THEIR PARENTS, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, EMPLOYEES, OFFICERS, AND DIRECTORS DO NOT MAKE ANY REPRESENTATIONS OF ANY KIND REGARDING THE RESULTS TO BE ACHIEVED BY THE ENERGY EFFICIENCY MEASURES OR THE ADEQUACY OR SAFETY OF SUCH MEASURES.

Recycling (Proper Disposal of Waste)

The Companies and their parents, subsidiaries, affiliates, agents, contractors, employees, officers, and directors are not responsible for the disposal or recycling of any waste generated as a result of participating this project.

Endorsement (Product/Vendor)

The Companies and their parents, subsidiaries, affiliates, agents, contractors, employees, officers, and directors do not endorse any particular market provider, manufacturer, product, labor or system design by offering this Program.

Termination

Incentives are available for energy efficiency measures on a first-come, first-served basis subject to the availability of funds. Program availability, program terms and equipment eligibility may change without notice at the discretion of the Companies.

Submission of any application does not give rise to any obligation to make any incentive payment by the Companies and their parents, subsidiaries, affiliates, agents, contractors, employees, officers, and directors.

The costs of energy efficiency programs are recovered through customer rates in accordance with PA Act 129 of 2008. For a complete list of commercial, industrial, residential, and low-income energy efficiency programs, please visit energysavePA.com. FirstEnergy's Pennsylvania utilities, their parents, subsidiaries, employees, affiliates and agents assume no responsibility for the performance of the equipment or equipment warranty, the quality of the work, labor and/or materials supplied, and/or the acts or omissions of any contractor.

Pre-Approval Requirements

Program participants are encouraged to seek pre-approval before purchasing their proposed equipment to ensure it meets program requirements and is eligible for incentives. If your project was completed or installed on June 1, 2021, or later and you did not obtain pre-approval, then you may apply for incentives no later than 180 days from the date of project completion (completion is defined as all equipment being installed and operable).

Limitations

Incentives available from the Program are limited to the total equipment cost. Only installation of new equipment is eligible for incentives under this Program.

MEASURE	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Automatic Milker Takeoffs	Must replace manual takeoffs to be eligible. The vacuum pump system serving the impacted milking system must have a VFD installed.		\$75	milker takeoff		
Dairy Scroll Compressors	To be eligible, the new scroll compressor(s) must replace an existing reciprocating compressor(s). Farms replacing an existing scroll compressor are not eligible.		\$300	compressor		
High Efficiency Ventilation Fans	Circulation fans are not eligible, only ventilation fans are eligible for incentives through this measure and must meet or exceed the minimum efficiency requirements listed.	14" - 23" 12.4 cfm/W @ 0.1 SP	\$75	fan		
		24" - 35" 15.3 cfm/W @ 0.1 SP	\$150			
		36" - 47" 19.2 cfm/W @ 0.1 SP	\$225			
		48" - 61" 22.7 cfm/W @ 0.1 SP	\$300			
Dairy Parlor Heat Reclaimer	Heat reclaimers recover heat from the refrigeration system and use it to pre-heat water used for sanitation, sterilization and cow washing. Only dairy parlors with electric water heating equipment are eligible to participate. Equipment must be one of the following pre-approved brands or equivalent: Century-Therm, Pre-Heater, Heat Bank, Sunset, Superheater or Therma-Stor.		\$750	reclaimer		
Low Pressure Irrigation System	A minimum reduction of 50% in irrigation pumping pressure must be achieved to be eligible. Nozzle, valve or sprinkler head replacement, drip irrigation and alterations or retrofits to the pumping plant are all ways to reduce system pressure. Pre and post retrofit pump pressure measurements are required.		\$0.05	kWh		
Agricultural Process Lighting	Purchase and installation of new or replacement lighting equipment to a higher efficiency than existing or designed for agricultural grow processes.		\$0.05	kWh		

INCENTIVE SUBTOTAL \$

MEASURE	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
High-Volume Low Speed Fans	This measure involves the replacement of conventional circulation fans. High-Volume Low-Speed fans must be at least 16' in diameter to move more cubic feet of air per watt than conventional circulating fans. This measure is for dairy, poultry, and swine applications. If submitting a project for other applications, please contact program staff first.	\$25	per ft of fan blade		
Livestock Waterer	Purchase and installation of an energy-efficient livestock waterer that is thermostatically controlled and has a minimum of two inches of factory installed insulation.	\$175	waterer		
VFD for Milk Vacuum Pump	Purchase and installation of VFD and controls on dairy vacuum pumps, or the purchase of dairy vacuum pumps with variable speed capability. Vacuum pumps with VFDs already installed are not eligible for incentives.	\$100/HP Capped at \$1,500	horsepower		
Dairy Refrigeration Tune-Up	Tune up of refrigeration systems for agriculture applications.	\$100	tune up		
Engine Block Heater Timer	Purchase and installation of a new engine block heater timer.	\$15	timer		

INCENTIVE SUBTOTAL \$

Appliances & Electronics



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MEASURE	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Refrigerators	Eligible refrigerators must be ENERGY STAR® certified, residential units. New refrigerator installations and replacement projects are eligible for incentives under this measure.	ENERGY STAR CEE Tier I	\$25	refrigerator		
		CEE Tier II	\$35			
		CEE Tier III	\$35			
Freezers	Eligible freezers must be ENERGY STAR certified, residential units. New freezer installations and replacement projects are eligible for incentives under this measure.		\$25	freezer		
Commercial Clothes Washers	Commercial ENERGY STAR certified clothes washers in laundromats and multifamily complexes are eligible for incentives. New installations and replacement projects are eligible. Must be connected to an electric water heating system.	ENERGY STAR CEE Tier I	\$50	washer		
		CEE Tier II	\$75			
Non-commercial Clothes Washers	Non Commercial ENERGY STAR certified clothes washers. Replacement projects are eligible. Must be connected to an electric water heating system.	CEE Tier II	\$25	washer		
		CEE Tier III	\$50			
Electric Dryers	Eligible dryers are ENERGY STAR certified and have a higher combined energy factor (CEF) than standard dryers. New dryer installations and replacement projects are eligible. Non-electric clothes dryers are not eligible.		\$50	dryer		
Heat Pump Water Heater	<ul style="list-style-type: none"> Heat pump water heater installations must involve the direct retrofit of a standard resistive electric water heating system. Heat pump water heaters used in pre-heat applications or in combination with other water heating system types are not eligible for incentives through this measure. Eligible heat pump water heaters must be ENERGY STAR certified with a Uniform Energy Factor >2.0. Solar water heating is also eligible. Solar water heater installations must involve the direct retrofit of a standard resistive electric water heating system. Solar water heaters must be used with a backup electric water heater with an energy factor ≥ 1.8 to be eligible. 		\$250	pump		

INCENTIVE SUBTOTAL \$

Appliances & Electronics



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MEASURE	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
Dehumidifier	Eligible equipment must be ENERGY STAR certified	\$25	unit		
Water Cooler	Eligible equipment must be ENERGY STAR certified	\$25	unit		
Uninterruptible Power Supplies (UPS)	ENERGY STAR certified UPS systems use less energy than standard efficiency systems. Only units 12kW or less are eligible for incentives under this measure. Units with capacities greater than 12kW may be eligible for incentives under the Custom Equipment program.	\$55	kW of capacity		
Computer (desktop or laptop)	Eligible Office equipment must be ENERGY STAR® certified. Only new equipment is eligible for incentives.	\$5	computer		
Computer Monitor		\$5	monitor		
Fax Machine (laser)		\$10	machine		
Copier (black and white)		\$10	copier		
Printer (laser, black and white)		\$10	printer		
Multi-function (laser, black and white)		\$10	machine		
Level 2 Electric Vehicle Charging Cord	Electric vehicle charging cord must meet ENERGY STAR Electric Vehicle Supply Equipment requirements for Level 2. A level 2 is a galvanically-connected EVSE with a single-phase input voltage range from 208 to 240 volts ac and maximum output current less than or equal to 80 amperes ac.	\$50	cord		
Small Network	Purchase and installation of network level software that controls desktop computers and monitors power settings with the network. Software must be capable of measuring and managing power consumption of each desktop computer and monitor. Laptops are eligible but savings assume workstation includes desktop monitor, laptop computer with laptop screen in use.	\$15	PC controlled		
Advanced Power Strip	Must be Tier 1 or Tier 2 rated power strip.	\$15	strip		

INCENTIVE SUBTOTAL \$

Eligible Measures

- High-efficiency fluorescent tubes
- Lighting fixtures
- Outdoor and Area Lighting
- LEDs and LED exit signs
- Occupancy and daylighting controls
- Reach-in freezer/refrigerator LED lighting

All Lighting Incentive Program applicants are required to use the Lighting Calculator spreadsheet to estimate annual energy and demand savings. T-12 fixtures codes entered in the lighting calculator will be automatically converted to an appropriate T-8 fluorescent fixture code to ensure compliance with the new 2021 PA TRM.

EQUIPMENT	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Lighting Controls	Dual daylight and occupancy	min watts controlled 150W	\$25	per sensor		
		min watts controlled 20W	\$15			
	Daylight continuous dimming control	min watts controlled 150W	\$20			
		min watts controlled 20W	\$10			
	Vacancy controls	min watts controlled 150W	\$20			
		min watts controlled 20W	\$10			
	Occupancy controls	min watts controlled 150W	\$20			
		min watts controlled 20W	\$10			
Linear Fluorescent	Replacement lamps must be high performance T8 replacing existing T8 lamps or higher efficiency than existing.		\$0.05	per kWh		
LED Lamps	Eligible LED lamps must be ENERGY STAR [®] rated and replace existing incandescent lamps with a medium screw base. • Pre-Approval – Required • Pre-Inspection – Required		\$5	lamp		
LED Linear	Eligible LED linear fixtures must appear on the ENERGY STAR or DLC qualified products list and replace existing equipment to a higher efficiency.		\$0.05	per kWh		
LED Fixture - Exterior	Lighting fixture must be wired for exclusive use with LED lamps or integrated LEDs and installed in an exterior setting. Must meet DLC standards.		\$0.05	per kWh		
LED Exit Signs	Eligible LED exit signs must replace existing fluorescent or incandescent exit signs to be eligible.		\$15	sign		
LED Fixture - Interior	Lighting fixture must be wired for exclusive use with LED lamps or integrated LEDs and installed in an interior setting. Must meet DLC standards.		\$0.05	per kWh		

INCENTIVE SUBTOTAL \$

Lighting

EQUIPMENT	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
Network Lighting Controls	Purchase and installation of a networked lighting control system by applying, but not limited to: occupancy sensors, photo sensors, and dimming controls where the system must dim or turn off individual fixtures based on local occupancy and/or light levels. The control system must include luminaire-level lighting control (LLLC) that can switch lights on and off based on occupancy and is capable of full-range dimming based on local light levels.	\$0.30	watts controlled		
LED Refrigerated Case Lighting	Eligible LED case lighting must be listed by the Design Lights Consortium (DLC) (www.designlights.org) and replacing existing fluorescent lighting technology. Only small rate code customers are eligible for this prescriptive incentive.	\$0.05 capped at \$75	kWh		
LED Channel Signage	Eligible measures include the replacement, retrofit, or new installation of channel letter signs with LED lighting technology.	\$3	linear ft		

Calculated incentives

- Lighting equipment that does not meet the requirements of the prescriptive lighting incentives listed above may qualify under the base incentive rate of 5¢ per kWh saved annually.
- New construction projects are not eligible under this program.

INCENTIVE SUBTOTAL \$

Lighting program requirements

Solid State Lighting

- Solid State Lighting/LED equipment must be ENERGY STAR® rated (www.energystar.gov) or listed by the Design Lights Consortium (DLC) (www.designlights.org) to be eligible for incentives.

Lighting Controls

- Occupancy controls may not have a manual “on” switch capable of overriding the automatic “off” switch.
- New controls must replace a manual switching system.
- Occupancy sensors installed as part of a new construction project, in areas where sensors are required by code, are not eligible for incentives.

General Requirements

- Only new equipment is eligible for incentives.
- Lighting incentives are available for the installation of new lighting equipment that results in a reduction in electrical energy use.
- All 30 and 32 watt 4-ft T8 lamps must appear on the current Consortium for Energy Efficiency (CEE) Qualifying Products list or meet the CEE “High-Performance” specifications. (See the CEE website: www.cee1.org).
- All retrofit kits shall include lamp socket brackets and sockets that center the lamps in the fixture, and may include a new reflector or ballast cover. Retrofit kits and components shall be UL or CSA listed for luminaire retrofit conversion and be installed in accordance with the current National Electrical Code.
- The total lighting incentive applies to linear fluorescent retrofits and energy efficient lighting products. This involves the replacement or new installation of linear fluorescent lighting equipment, including but not limited to T8 and T5, to a higher efficiency than existing or designed.

Pre-Approval Requirements

Program participants are encouraged to seek pre-approval before purchasing their proposed equipment to ensure it meets program requirements and is eligible for incentives. If your project was completed or installed on June 1, 2021, or later and you did not obtain pre-approval, then you may apply for incentives no later than 180 days from the date of project completion (completion is defined as all equipment being installed and operable).

Limitations

Incentives available from the Program are limited to the total equipment cost. Only installation of new equipment is eligible for incentives under this Program.

INCENTIVE SUBTOTAL	\$
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MEASURE	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Commercial Refrigerators	ENERGY STAR [®] refrigerators must be self-contained with vertical-closed transparent or solid doors and meet the new Federal standard dated March 2017. Residential style refrigerators are not eligible for incentives under this measure, but may be eligible under the Appliances and Electronics program. Only replacement projects are eligible under this measure.		\$50	refrigerator		
Commercial Freezers	ENERGY STAR freezers must be self-contained with vertical-closed transparent or solid doors and meet the new Federal standard dated March 2017. Residential style freezers are not eligible for incentives under this measure, but may be eligible under the Appliances and Electronics program. Only replacement projects are eligible under this measure.		\$50	freezer		
Commercial Ice Machines	Eligible equipment includes ENERGY STAR ice machines that are air-cooled and produce ice continuously or in batches. Only replacement projects are eligible under this measure.	< 500lbs/day	\$75	unit		
		501 – 1000 lbs/day	\$150			
		>1001 lbs/day	\$200			
Night Covers for Refrigerated Display Cases	Eligible projects include the installation of night covers on open reach-in refrigerated cases during unoccupied hours. Covers must be in use for at least three hours daily to be eligible for incentives.		\$10	linear foot		
Strip Curtains for Walk-in Coolers and Freezers	Eligible strip curtains must be installed on walk-in coolers and freezers that have ineffective or no existing strip curtains in place. Strip curtains must be new, made of polyethylene, and be at least 0.06" thick. Low temperature curtains must be used for freezer applications. Eligible units must be in use at least 2.5 hours per day.		\$2	sq ft		
Anti-Sweat Heater Controls on Cooler and Freezer Doors	Anti-sweat heater controls sense the humidity in the store outside reach-in, glass door cases and turn off anti-sweat heaters during periods of low humidity. Only the installation of new anti-sweat heater controls in existing cases, with no existing controls, are eligible for incentives.		\$30	door		
Beverage and Snack Machine Controls	Eligible sensors must be installed on non-ENERGY STAR certified vending machines. Each control must be able to automatically turn off lighting when there is no occupancy, and must modulate the refrigeration system for peak performance.	Unrefrigerated	\$50	control		
		Refrigerated	\$100			

INCENTIVE SUBTOTAL \$

Food Service



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MEASURE	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Commercial Electric Combination Ovens	Electric combination ovens must be ENERGY STAR certified to be eligible for incentives. Only new, unused equipment is eligible. Only replacement projects are eligible under this measure.		\$750	oven		
Commercial Electric Convection Ovens	ENERGY STAR certified convection ovens must be new. Used equipment is not eligible for incentives. Only replacement projects are eligible under this measure.		\$350	oven		
Commercial Electric Steam Cookers	Eligible steam cookers must be ENERGY STAR certified and have a cooking efficiency of at least 50%. Only new (unused), electric steam cookers are eligible for incentives.		\$125	3 pans		
			\$185	4 pans		
			\$250	5 pans		
			\$300	6 pans		
Commercial Electric Fryers	ENERGY STAR fryers have advanced heat exchanger design and fry pot insulation to shorten cook times and reduce standby heat losses. Only new (unused), electric, ENERGY STAR certified fryers are eligible for incentives.		\$150	fryer		
Commercial Electric Griddles	Eligible equipment must be ENERGY STAR certified. Only new (unused) equipment is eligible for incentives.		\$150	griddle		
Commercial Hot Food Holding Cabinets	Eligible equipment must be ENERGY STAR certified. Only new (unused) equipment is eligible for incentives.	Half size	\$150	cabinet		
		Three quarter	\$200			
		Full size	\$250			
ECM Evaporator Fan Motor	Installation of a ECM motor to replace a permanent split capacitor or shaded pole motor in a commercial refrigeration unit.		\$50	motor		
Evaporator Fan Controls	Installation of On/Off controls or multispeed controls for an uncontrolled ECM, permanent split capacitor, or shaded pole motor in a commercial refrigeration unit.		\$30	controller		

INCENTIVE SUBTOTAL \$

MEASURE	SPECIFICATIONS		REBATE	UNIT	QTY	TOTAL
Commercial Dishwasher	Eligible equipment must be ENERGY STAR [®] certified. Must be stationary or conveyor type commercial dishwasher.	High Temperature Under Counter	\$125	unit		
		High Temperature Door Type	\$200			
		High Temperature Single Tank Conveyor	\$300			
		High Temperature Multi Tank Conveyor	\$500			
		Low Temperature Under Counter	\$75			
		Low Temperature Door Type	\$150			
		Low Temperature Single Tank Conveyor	\$150			
		Low Temperature Multi Tank Conveyor	\$250			
Induction Warmer/ Rethermalizer Well	Purchase and installation of a energy efficient Rethermalizer and Food Warmers.		\$50	warmer		
Coffee Brewer	ENERGY STAR type 2 small, medium, or large coffee brewers qualify.		\$25	brewer		
Pre-Rinse Spray Nozzles	New pre-rinse spray nozzles must have an on/off squeeze lever, use less than 1.6 gallons per minute, and have a cleaning performance of at least 26 seconds to qualify. Only spray nozzles associated with electric water heating qualify for this measure.		\$35	spray nozzle		

INCENTIVE SUBTOTAL \$

Eligible Measures

- Be used for ambient cooling only
- Meet or exceed the minimum efficiency rating required for the equipment type and cooling capacity
- Be installed in a facility owned by a commercial, industrial, governmental or institutional customer of FirstEnergy's Pennsylvania utilities.
- Meet additional technical requirements outlined below.

Flat-rate per unit or per ton capacity incentives are available for:

- Air Conditioners
- Heat Pumps
- Water Source Heat Pump
- PTAC/PTHP

Split & Packaged HVAC Units – Air Cooled

Eligible equipment must meet or exceed both full and part load (if applicable) cooling efficiency requirements as defined in the table below. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities. Qualifying split systems must have both a new condenser and a new coil that meets AHRI specifications and where the matched system performance (condenser and coil) meets or exceeds the minimum requirements outlined below. Variable Refrigerant Flow (VRF) systems are eligible to participate under this measure (custom energy calculations will be required in this case).

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Split & Packaged HVAC ≤ 5.4 tons	16 SEER	\$50	per ton		
	18 SEER	\$100			
Split & Packaged HVAC > 5.4 and < 11.25 tons	11.8 EER and 13.5 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 11.25 and < 20 tons	11.6 EER and 13.0 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 20 and ≤ 63.3 tons	10.5 EER and 12.2 IEER	\$100	per ton		
Split & Packaged HVAC > 63.3 tons	10.2 EER and 11.8 IEER	\$100	per ton		

INCENTIVE SUBTOTAL \$

Split & Packaged HVAC Units – Water Cooled

Eligible equipment must meet or exceed both full and part load (if applicable) cooling efficiency requirements as defined in the table below. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities. Qualifying split systems must have both a new condenser and a new coil that meets AHRI specifications and where the matched system performance (condenser and coil) meets or exceeds the minimum requirements outlined below. Variable Refrigerant Flow (VRF) systems are eligible to participate under this measure (custom energy calculations will be required in this case).

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Split & Packaged HVAC ≤ 5.4 tons	16 SEER	\$50	per ton		
	18 SEER	\$100			
Split & Packaged HVAC > 5.4 and < 11.25 tons	12.7 EER and 12.9 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 11.25 and < 20 tons	13.1 EER and 13.3 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 20 and < 63.3 tons	13.0 EER and 13.2 IEER	\$100	per ton		
Split & Packaged HVAC ≥ 63.3 tons	11.6 EER and 11.7 IEER	\$100	per ton		

Split & Packaged HVAC Units – Evaporatively Cooled

Eligible equipment must meet or exceed both full and part load (if applicable) cooling efficiency requirements as defined in the table below. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities. Qualifying split systems must have both a new condenser and a new coil that meets AHRI specifications and where the matched system performance (condenser and coil) meets or exceeds the minimum requirements outlined below. Variable Refrigerant Flow (VRF) systems are eligible to participate under this measure (custom energy calculations will be required in this case).

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Split & Packaged HVAC ≤ 5.4 tons	16 SEER	\$50	per ton		
	18 SEER	\$100			
Split & Packaged HVAC > 5.4 and < 11.25 tons	13.3 EER and 13.5 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 11.25 and < 20 tons	13.2 EER and 13.4 IEER	\$125	per ton		
Split & Packaged HVAC ≥ 20 and < 63.3 tons	13.1 EER and 13.3 IEER	\$100	per ton		
Split & Packaged HVAC ≥ 63.3 tons	12.1 EER and 12.2 IEER	\$100	per ton		

INCENTIVE SUBTOTAL \$

Air Source Heat Pumps

Eligible equipment must meet or exceed cooling and heating efficiency requirements as outlined in the table below. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities. Heat pump systems must be used for both heating and cooling. Qualifying split heat pump systems must have both a new condenser and a new coil that meets AHRI specifications and where the matched system performance (condenser and coil) meets or exceeds the minimum requirements outlined below. Variable Refrigerant Flow (VRF) systems are eligible to participate under this measure (custom energy calculations will be required in this case).

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Air Source Heat Pump < 5.4 tons – Single Package	16.0 SEER and 8.2 HSPF	\$100	per ton		
Air Source Heat Pump < 5.4 tons – Split System	18.0 SEER and 10.0 HSPF	\$100	per ton		

Water Source, Ground Source And Ground Water Source Heat Pumps

Eligible equipment must meet or exceed cooling and heating efficiency requirements as outlined in the table below. Heat pump systems must be used for both heating and cooling. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities.

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Water to Air: Water Loop < 1.42 tons	12.8 EER and 4.5 COP	\$150	per ton		
Water to Air: Water Loop ≥ 1.42 tons and < 11.25 tons	13.7 EER and 4.5 COP	\$150	per ton		
Water to Water: Water Loop < 11.25 tons	11.1 EER and 3.9 COP	\$150	per ton		
Brine to Air: Ground Loop < 11.25 tons	14.8 EER and 3.4 COP	\$150	per ton		
Brine to Water: Ground Loop < 11.25 tons	12.7 EER and 2.6 COP	\$150	per ton		
Water to Air: Ground Water < 11.25 tons	18.9 EER and 3.9 COP	\$150	per ton		
Water to Water: Ground Water < 11.25 tons	17.1 EER and 3.3 COP	\$150	per ton		

INCENTIVE SUBTOTAL \$

Ductless Mini Split Heat Pumps

Equipment must be ENERGY STAR® certified and must meet or exceed the cooling and heating efficiency requirements outlined in the table below. Cooling capacities (in tons) listed in the table below are Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities. Qualifying split systems must have both a new condenser and a new coil that meets AHRI specifications and where the matched system performance (condenser and coil) meets or exceeds the minimum requirements outlined below. Variable Refrigerant Flow (VRF) systems are eligible to participate under this measure (custom energy calculations will be required in this case). Equipment must be used to meet both the heating and cooling loads of the facility.

MEASURE	MINIMUM EFFICIENCY REQUIREMENTS	REBATE	UNIT	QTY	TOTAL
Ductless Mini Split Heat Pump < 5.4 tons – Single Zone	≥ 12.5 EER, ≥ 20 SEER and ≥ 10.0 HSPF	\$150	per ton		
Ductless Mini Split Heat Pump < 5.4 tons – Multi Zone					

Packaged Terminal Air Conditioners (PTAC)

Eligible equipment must meet or exceed cooling efficiency requirements as outlined in the table below. Cooling capacities (in tons) listed in the table below are Replace with: Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities.

Replacement unit shall be factory labeled as follows: Manufactured for replacement applications only: not to be installed in new construction projects. Replacement efficiencies only apply to units with existing sleeves less than 16 inches in height and less than 42 in width.

MEASURE	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
PTAC	Replacement Unit minimum EER: [10.9 – (0.213 x Cap/1000)] x 1.075*	\$100	per ton		
	New Unit minimum EER: [14 – (0.3*Cap/1000)] x 1.075*				

INCENTIVE SUBTOTAL \$

Packaged Terminal Heat Pump Air Conditioners (PTHP)

Eligible equipment must meet or exceed cooling and heating efficiency requirements as outlined in the table below. Cooling capacities (in tons) listed in the table below are Replace with: Air Conditioning, Heating, and Refrigeration Institute (AHRI) rated capacities.

Replacement unit shall be factory labeled as follows: Manufactured for replacement applications only: not to be installed in new construction projects. Replacement efficiencies only apply to units with existing sleeves less than 16 inches in height and less than 42 in width.

MEASURE	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
PTHP	Replacement Unit minimum EER: [10.8 – (0.213 x Cap/1000)] x 1.075* Replacement Unit minimum COP: [2.9 – (0.026*Cap/1000)] x 1.075*	\$100	per ton		
	New Unit minimum EER: [14-(0.3*Cap/1000)] x 1.075* New Unit minimum COP: [3.2-(0.026*Cap/1000)] x 1.075*				

*Cap=cooling capacity of the PTAC/PTHP unit.

Miscellaneous Equipment

MEASURE	SPECIFICATIONS	REBATE	UNIT	QTY	TOTAL
ENERGY STAR® Certified Connected Thermostat	Must be ENERGY STAR certified.	\$75	per unit		
ENERGY STAR Certified Window Air Conditioner	Eligible window air conditioners must be ENERGY STAR certified and be used only for comfort cooling applications. New installations and replacement projects are eligible.	\$15	per unit		
Circulating Pump	Purchase and installation of a new ECM or BPM circulator pump, r/p single speed motor for space heating in a commercial application.	\$25	pump		
Furnace Fan	Eligible equipment is a high efficiency brushless permanent magnet fan motor (BPM or ECM) to replace a permanent split capacitor (PSC) motor	\$25	fan		
HVAC Maintenance	Eligible for documented tune-ups of packaged and split systems up to 20 Tons. All HVAC applications other than comfort cooling and heating, such as process cooling, are defined as non-standard applications and are ineligible for this measure. Rebates available every 10 years for the same piece of equipment.	\$125	packaged/ split system tune-up		

*Cap=cooling capacity of the PTAC/PTHP unit.

INCENTIVE SUBTOTAL \$

Street Lighting



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Purchase and installation of new lighting equipment for Street and Area lighting applications to a greater efficiency than existing or designed.

MEASURE	REBATE	UNIT	QTY	TOTAL
Street Lighting Utility Owned	\$0.05	per kWH		
Street Lighting Customer Owned	\$0.05	per kWH (capped at \$200/fixture)		

INCENTIVE SUBTOTAL	\$
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Custom Equipment

- The Custom Equipment Incentives Program is offered to Pennsylvania commercial, industrial, governmental and institutional customers for retrofits that include technologies and/or customer-specific energy efficiency projects that do not meet the eligibility criteria for other FirstEnergy's Pennsylvania business programs.
- Custom incentives up to 50 percent of the total project cost for retrofit projects.

Excluded

- Newly constructed buildings: The design and construction of an entirely new structure on a greenfield site or wholesale replacement of a structure torn down to the ground.
- Addition (expansion) to existing buildings: Significant extensions to an existing structure that requires building permits and triggers compliance with current codes.
- Major renovations or tenant improvements of existing buildings: Significant reconstruction or “gut rehab” of an existing structure that requires building permits and triggers compliance with current codes.

Eligible Measures and Incentives

- Custom projects include building shell, electrical and mechanical improvements that reduce energy consumption and demand by improving building energy performance.
- Custom measures such as compressed air, process improvements and qualify for incentives.

Projects that do not qualify include:

- Power factor correction devices
- Motor soft starts
- Fuel switching (for example, replacement of an electric chiller with an absorption chiller)

Step 1

The participant should complete and submit a Custom Equipment Incentive application. The following documents are required for a pre-approval:

- W-9 tax form for the incentive payee
- Scope of work with a summary of the existing and proposed systems
- Manufacturers' specification (cut) sheets for each installed item to verify that the equipment is eligible. Please circle or highlight the relevant information on the specification (cut) sheet.
- Detailed energy savings analysis/calculations
- Copy of utility bill to confirm account number and service address. If desired, the participant may obscure all cost and rate-related information.

Step 2

The Program Administrator will notify the applicant via email when the review is complete and funds have been reserved. Upon receipt of Program pre-approval, participants may purchase and install their energy-efficient equipment.

Step 3

Once the project is complete, participants should review their application for any changes and submit the following documents to the Program Administrator for review:

- Revised energy savings analysis/calculations (if changes were made during construction)
- Detailed, itemized invoices or proofs of purchase for the equipment installed
- Completed letter of attestation
- Supporting technical documentation will be reviewed by Program staff, and an on-site inspection to verify the installation may be conducted. Upon receipt and verification of all required documentation, the incentive check will be processed and mailed to the applicant or to an authorized representative, if requested on the application.

Custom Incentives Worksheet



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Provide a summary of the project.

CUSTOM PROJECT DESCRIPTION	
Before Retrofit	After Retrofit

Provide a summary of the energy savings.

SERVICE	UNIT	CURRENT ENERGY COST	ANNUAL SAVINGS (UNITS/YEAR) (A)	INCENTIVE RATE (B)	CALCULATED INCENTIVE (A X B)	PROJECT COST	SIMPLE PAYBACK PERIOD	TOTAL CUSTOM INCENTIVE
Custom Lighting	per kWh			\$0.05				
General Custom	per kWh			.05/kWh and up to \$150kW*				
Solar	per kWh			\$0.03				

* Demand rebate will be calculated based upon customers load profile during coincident peak times (2 – 6 pm | M- F | 6/1 – 8/30) and the associated average demand reduction during that time frame.

Custom rebates will only pay up to 50% of the total project cost (materials and labor).

TOTAL CUSTOM MEASURE COST:		\$
TOTAL CUSTOM INCENTIVES:		\$

The costs of energy efficiency programs are recovered through customer rates in accordance with PA Act 129 of 2008. For a complete list of commercial, industrial, residential, and low-income energy efficiency programs, please visit energysavePA.com.

By participating in these energy efficiency and peak demand reduction programs, customers agree to allow their utility to retain ownership of all Capacity Rights which refers to the demand reduction associated with any energy efficiency and peak demand reduction measure for which incentives were provided by the Company. Your utility will aggregate these energy efficiency demand reduction attributes into the PJM capacity market with proceeds being used to offset the program costs.



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