

Consumers Energy Business Energy Efficiency Programs



2019 Incentive Guide

Consumers Energy

Count on Us®

NEED HELP?

Call 877-607-0737

or Email:

ConsumersEnergyBusinessSolutions@cmsenergy.com

Our team is ready to help you with your
next energy efficiency project.

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Custom Energy Efficiency Incentives

Apply Today!

The custom energy efficiency incentive program can help you lower your cost of operation by providing you with an incentive for installing a wide variety of equipment or implementing process improvements that result in a reduction of your electric and/or natural gas use. The more energy you save, the more your company can earn in incentives.

Incentives are calculated based on actual annual kWh or Mcf savings that your project provides in the first year of operation. Qualifying projects can earn incentives of \$0.10/kWh or \$10.00/Mcf saved.

What Qualifies:

- Complex Compressed Air Projects
- Process Cooling
- Refrigeration
- Process Improvements
- And other process improvements in a wide range of areas



Prescriptive Incentives Quick Reference

Lighting

Linear LED Tube Lights UL Type A, B, C or Dual Mode ^(2,4)		Incentive
LT101 LT112	2-ft T12 to 2-ftLED Tube Light	\$2.50 per lamp
LT102 LT113	2-ft T8 to 2-ft LED Tube Light	\$1.00 per lamp
LT103 LT114	4-ft T12 to One (1) 4-ft LED Tube Light	\$5.00 per lamp
LT104 LT115	4-ft T8 to One (1) 4-ft LED Tube Light (Low Bay)	\$3.00 per lamp
LT105 LT116	4-ft T8 to One (1) 4-ft LED Tube Light (High Bay)	\$4.00 per lamp
LT106 LT117	4-ft T5 to One (1) 4-ft LED Tube Light (Low Bay)	\$3.00 per lamp
LT107 LT118	4-ft T5 to One (1) 4-ft LED Tube Light (High Bay)	\$4.00 per lamp
LT108 LT119	8-ft T12 to Two (2) 4-ft LED Tube Light	\$10.00 per 8-ft lamp replaced
LT109 LT120	8-ft T8 to Two (2) 4-ft LED Tube Light	\$7.00 per 8-ft lamp replaced
LT110 LT121	8-ft T12 to 8-ft LED (per 8-ft Lamp Replaced); All UL Types	\$10.00 per 8-ft lamp replaced
LT111 LT122	8-ft T8 to 8-ft LED (per 8-ft Lamp Replaced); All UL types	\$7.00 per 8-ft lamp replaced

Permanent Lamp Removal ^(2,4)		Incentive
LT123	T8 or T12 2-Foot or 3-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	\$1.50 per lamp removed
LT124	T8 or T12 4-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	\$5.00 per lamp removed
LT125	T8 or T12 8-Foot Lamp Removal (Combined with LED Tube Light Retrofit)	\$12.00 per lamp removed

Lighting New/Retrofit Fixtures ^(2,4)		Incentive
LT201	Exterior LED Lighting	\$0.25 per watt reduced
LT202	Parking Garage LED Lighting	\$0.60 per watt reduced
LT203	Interior LED Lighting (High Bay ≥ 15-Foot)	\$0.30 per watt reduced
LT204	Interior LED Lighting (High Bay ≥ 15-Foot) Continuous Operation	\$0.60 per watt reduced
LT205	Interior LED Lighting (Low Bay < 15-Foot)	\$0.30 per watt reduced
LT206	Interior LED Lighting (Low Bay < 15-Foot) Continuous Operation	\$0.60 per watt reduced
LT207	New Linear LED Tube Fixture (High Bay ≥ 15-Foot)	\$0.20 per watt reduced

(2) Customers must receive electric energy from Consumers Energy to qualify unless otherwise stated.

(4) Pre-notification is required.

Lighting New/Retrofit Fixtures ^(2,4)		Incentive
LT208	New Linear LED Tube Fixture (High Bay ≥ 15-Foot) Continuous Operation	\$0.35 per watt reduced
LT209	New Linear LED Tube Fixture (Low Bay < 15-Foot)	\$0.20 per watt reduced
LT210	LED Screw-in Replacing HID	\$0.08 per watt reduced
LT211	Signage Lighting Retrofit (Continuous Operation)	\$0.50 per watt reduced
LT212	Signage Lighting Retrofit (Commercial Hours)	\$0.25 per watt reduced

Non-Defined Lighting Measures ^(2,4)		Incentive
LT301	Lumens per watt Improvement per Year *	\$0.10 per kWh/yr
LT302	Energy Conservation Improvement per Year	\$0.05 per kWh/yr

Lighting Power Density for New Construction Projects ^(2,4)		Incentive
LT401	Interior Lighting	\$0.30 per watt reduced
LT402	Exterior Lighting	\$0.40 per watt reduced
LT403	Parking Garage Lighting	\$0.60 per watt reduced

Lighting Controls

Lighting Controls ⁽²⁾		Incentive
LC101	Interior Lighting Occupancy Sensors [†]	\$15.00 per sensor
LC102	Interior Lighting Occupancy Sensors [†]	\$0.08 per watt controlled
LC103	Central Lighting Controls ⁽⁴⁾	\$0.06 per ft ²
LC104	Interior Stairwell Lighting Controls ⁽⁴⁾	\$0.40 per watt controlled
LC105	Exterior Multi-Step Dimming Occupancy Sensors ⁽⁴⁾	\$0.09 per watt controlled
LC106	Exterior Lighting Occupancy Sensors ⁽⁴⁾	\$0.15 per watt controlled
LC107	Exterior Multi-Step Dimming Timer Controls ⁽⁴⁾	\$0.09 per watt controlled

Advanced Lighting Controls ^(2,4)		Incentive
LC108	CE Electric Tier 1	\$0.25 per kWh/yr
LC109	CE Electric Tier 2	\$0.18 per kWh/yr

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* At least a 5 percent lumens per watt systems improvement.

† Pick one or the other per space controlled.

Qualifies New Construction

HVAC Variable Frequency Drives ⁽²⁾		Incentive
VF101	VFD on HVAC Supply Fan up to 100 HP	\$70.00 per HP
VF102	VFD on HVAC Return Fan up to 100 HP	\$50.00 per HP
VF103	VFD on Cooling Tower Fan	\$40.00 per HP
VF104	VFD on HVAC Chilled Water Pump up to 100 HP	\$60.00 per HP
VF105	VFD on HVAC Hydronic Heating Water Pump up to 100 HP	\$100.00 per HP
VF106	VFD on HVAC Fans - Fixed Speed (54 Hz or less) **	\$50.00 per HP
VF107	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass **	\$40.00 per HP
VF108	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled **	\$25.00 per HP
VF109	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass **	\$70.00 per HP
VF110	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled **	\$40.00 per HP
VF111	2 Speed RTU Supply Fan	\$20.00 per cooling ton
VF112	VFD on Condenser Fan - HVAC	\$50.00 per ton of load

Process Variable Frequency Drives (Up to 250 HP) ⁽²⁾		Incentive
VF201	VFD on Process Pump up to 50 HP	\$125.00 per HP
VF202	VFD on Process Pump 51 HP to 250 HP **	\$75.00 per HP
VF203	VFD on Process Fan up to 50 HP	\$100.00 per HP
VF204	VFD on Process Fan 51 HP to 250 HP **	\$50.00 per HP
VF205	VFD on Process Fan - Fixed Speed (54 Hz or less) **	\$75.00 per HP
VF206	VFD on Process Pump - Fixed Speed (54 Hz or less) **	\$100.00 per HP
VF207	VFD on Computer Room Air Condition (CRAC) Unit	\$150.00 per HP
VF208	VFD on Well Pump up to 100 HP	\$40.00 per HP
VF209	VFD on Condenser Fan - Med Temp Refrigeration (33° F to 50° F)	\$100.00 per HP
VF210	VFD on Condenser Fan - Low Temp Refrigeration (Below 32° F)	\$120.00 per HP
VF211	VFD on Pool Circulation Pump - up to 50 HP	\$200.00 per HP
VF212	VFD on Process Cooling Tower Fan	\$40.00 per HP
VF213	VSD for Industrial Vacuum Pump Systems	\$20.00 per HP

Integrated Variable Speed Motor (ECM) for Fans and Pumps ⁽²⁾		Incentive
VF301	ECM for Furnaces, UVs, FCs and Light Duty AHUs (up to 7.5 HP)	\$100.00 per HP
VF302	ECM for Exterior Condenser Fans	\$30.00 per HP
VF303	ECM on Domestic Hot Water Recirculation	up to \$500.00 per EC motor
VF304	ECM on Hydronic Heating	up to \$450.00 per EC motor
VF305	ECM on Chilled Water Circulation	up to \$200.00 per EC motor

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** Pre-notification required for motors over 100HP (or Process Pumps or Fans greater than 50 HP).

Qualifies New Construction

Compressed Air

Compressed Air ⁽²⁾			Incentive
CA101	VSD Air Compressor (50 HP to 300 HP) (Single Air Compressor System) Minimum 6,000 hrs/year operation ⁽⁴⁾		\$150.00 per HP
CA102	VSD Air Compressor (50 HP to 300 HP) (Single Air Compressor System) Minimum 2,000 hrs/year operation ⁽⁴⁾		\$100.00 per HP
CA103	VSD Air Compressor (50 HP to 300 HP) (Multiple Air Compressor System) Minimum 7,200 hrs/year operation ⁽⁴⁾		\$200.00 per HP
CA104	VSD Air Compressor (50 HP to 300 HP) (Multiple Air Compressor System) Minimum 4,000 hrs/year operation ⁽⁴⁾		\$150.00 per HP
CA105	VSD Retrofit Air Compressor (50 HP to 300 HP) (Single Air Compressor Systems) Minimum 6,000 hrs/year operation ⁽⁴⁾		\$75.00 per HP
CA106	VSD Retrofit Air Compressor (50 HP to 300 HP) (Multiple Air Compressor Systems) Minimum 7,200 hrs/year operation ⁽⁴⁾		\$100.00 per HP
CA107	VSD Air Compressor (Less than 50 HP) Minimum 6,000 hrs/year operation ⁽⁴⁾		\$125.00 per HP
CA108	Variable Displacement (VD) Air Compressor ⁽⁴⁾		\$35.00 per HP
CA109	Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type) ⁽⁴⁾		\$20.00 per HP
CA110	Refrigerated Cycling Thermal Mass Air Dryer ⁽⁴⁾		\$1.00 per SCFM
CA111	Refrigerated Cycling Variable Speed Drive Air Dryer ⁽⁴⁾		\$3.50 per SCFM
CA112	Refrigerated Cycling, Digital Scroll Air Dryer ⁽⁴⁾		\$3.00 per SCFM
CA113	Air Dryer, Desiccant to Refrigerated ⁽⁴⁾		\$4.00 per SCFM
CA114	Heated Blower Purge Desiccant Compressed Air Dryer ⁽⁴⁾		\$4.00 per SCFM
CA115	Compressed Air Desiccant Dryer, Dew point Sensor Control ⁽⁴⁾		\$6.00 per SCFM
CA116	Heat of Compression Air Dryer ⁽⁴⁾		\$4.00 per SCFM
CA117	Air Recycling Pneumatic Valve at 4,000,000 cycles and above per year		\$35.00 per value
CA118	Air Recycling Pneumatic Valve at 2,000,000 cycles and above per year		\$20.00 per value
CA119	Low-Pressure Drop Air Filter		\$7.50 per HP
CA120	Compressed Air Pressure Flow Controller ⁽⁴⁾		\$10.00 per HP
CA121	Air Compressor Outdoor Air Intake		\$8.00 per HP
CA122	Air Compressor Waste Heat Recovery (Natural Gas Customers Only) ⁽⁴⁾		\$50.00 per HP
CA123a	Compressed Air Storage Tank ⁽⁴⁾	1 gal/CFM to 3 gal/CFM	\$70.00 per HP
CA123b		3 gal/CFM to 5 gal/CFM	\$50.00 per HP
CA123c		5 gal/CFM to 10 gal/CFM	\$30.00 per HP
CA124	Correct Sizing Compressed Air (per HP reduced) ⁽⁴⁾		\$50.00 per HP

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(4) Pre-notification is required.

Qualifies New Construction

Compressed Air Energy Audit ^(2,4)		Incentive
CA201	Compressed Air Energy Audit	\$15.00 per HP
CA202	Compressed Air Energy Audit with VSD	\$20.00 per HP
CA203	Compressed Air Energy Audit with Metered Flow	\$25.00 per HP
CA204	Compressed Air Energy Audit with Metered Flow with VSD	\$30.00 per HP

Compressed Air ⁽²⁾		Incentive
CA205	Zero Loss Condensate Drain	\$300.00 per drain
CA206	Zero Loss Condensate Drain, Float Style	\$300.00 per drain
CA207	Pressure Sensing Vortex Vacuum Generators	\$20.00 per CFM
CA208	Pneumatic Air Tools Replaced with Electric Tools ⁽⁴⁾	\$100.00 per tool
CA209	Pneumatic Air Tools Replaced with Electric Cordless Tools ⁽⁴⁾	\$70.00 per tool
CA210	Electric Motors Replacing Pneumatic Motors ⁽⁴⁾	\$100.00 per HP
CA211	Compressed Air Applications Replaced with Air Blowers ⁽⁴⁾	\$450.00 per HP (air blower)
CA212	Compressed Air Engineered Nozzle (At Least 1,000 hrs/yr) ⁽⁴⁾	\$150.00 per unit

Miscellaneous Electric

Power Management ⁽²⁾		Incentive
ME101	Advanced Power Strips (Tier 1)	\$4.00 per unit
ME102	Network Power Management Software	\$12.00 per PC controlled
ME103	Beverage Vending Machine Controllers	\$65.00 per unit
ME104	Engine Block Heater Controls	\$100.00 per heater

Miscellaneous Electric ⁽²⁾		Incentive
ME105	High-Efficiency Hand Dryer	\$100.00 per unit

Manufacturing

Industrial Process Improvement ^(2,4)			Incentive
MA101a	Higher Efficient Injection Mold Machines	All-Electric	\$35.00 per metric ton
MA101b		Hybrid	\$30.00 per metric ton
MA101c		VSD or Servo Hydraulic	\$25.00 per metric ton
MA102	Fiber Laser Cutting Replacing CO ₂ Laser Cutting		\$5,000.00 per output kW
MA103	Process Dryer Flow Rate Control with Relative Humidity Sensors		\$4.00 per CFM reduced
MA104	Dew point Sensor Control for Desiccant Plastic Dryer		\$50.00 per kW of the heating element

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Qualifies New Construction

Process Ventilation Reduction ^(2,4)		Incentive
MA105	Process Heating Ventilation Reduction	\$1.50 per CFM reduced
MA106	Process Fan Ventilation Reduction ^{††}	\$0.15 per CFM reduced
MA107		\$175.00 per HP reduced
MA108	Decreasing Oven Exhaust Flow Rate (NG Heat) (200°F to 600°F)	\$0.75 per CFM reduced
MA109	Decreasing Oven Exhaust Flow Rate (NG Heat) (601°F to 1200°F)	\$1.25 per CFM reduced
MA110	Decreasing Oven Exhaust Flow Rate (Electric Heat) (200°F to 600°F)	\$20.00 per CFM reduced
MA111	Decreasing Oven Exhaust Flow Rate (Electric Heat) (601°F to 1200°F)	\$30.00 per CFM reduced

Process Energy Recovery ^(3,4)			Incentive
MA112a	RTO (Recuperative/Regenerative Thermal Oxidizers) Retrofit	2 shift	\$75.00 per CFM
MA112b		3 shift	\$100.00 per CFM
MA113a	RTO (Regenerative Thermal Oxidizers) New Construction	2 shift	\$20.00 per CFM
MA113b		3 shift	\$25.00 per CFM

Industrial Process Improvement ^(2,4)			Incentive
MA114a	Smart Battery Charging Stations (New or Replacement 3-Phase High Frequency Battery Chargers for Electric Vehicles (i.e. Forklifts, Hi-Lo))	1 Shift Operation/Day	\$200.00 per unit
MA114b		2 shift Operation/Day	\$400.00 per unit
MA114c		Continuous Operation	\$600.00 per unit
MA115	Barrel Wrap Insulation - Injection Molding and Extrusion		\$100 per ft ²
MA116	Welder, Inverter Style		\$500.00 per welder

Heat recovery for 100 percent Makeup Air Heating ^(3,4)			Incentive
MA117a	Replacement of Direct-Fired Equipment	2 Shift	\$0.60 CFM
MA117b		3 Shift	\$1.00 CFM
MA118a	Replacement of Indirect-Fired Equipment	2 Shift	\$0.70 CFM
MA118b		3 Shift	\$1.25 CFM

HVAC Equipment

Air Conditioning ⁽²⁾		Incentive
HV100	Split Air Conditioning Systems and Heat Pumps	up to \$40.00 per ton
HV101	High-Efficiency Computer Room Air Conditioning	\$20.00 per MBH
HV102	Data Room Hot/Cold Aisle Configuration ⁽⁴⁾	up to \$20.00 per MBH

Humidification ^(2,4)		Incentive
HV103	Ultrasonic Humidifier	\$0.10 per ft ²

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(3) Customers must receive natural gas from Consumers Energy to qualify unless otherwise stated.

(4) Pre-notification is required.

^{††} Pick one or the other per facility.

Qualifies New Construction

Chillers ⁽²⁾			Incentive
HV201	Air-Cooled Chiller		\$13.00(+) per ton
HV202 (a-c)	Water-Cooled Chiller	Centrifugal	\$20.00(+) per ton
HV202 (d-g)		Rotary Screw, Scroll or Reciprocating	\$20.00(+) per ton

Industrial Fans ⁽⁴⁾			Incentive
HV203	High-Volume, Low-Speed Fans ⁽²⁾		\$400.00 per fans
HV204	Destratification Fan (Temp Gradient Greater Than 15°F) ⁽³⁾		\$0.20 per ft ²

Hydronic, Steam or Process Boilers ⁽³⁾			Incentive
HV301	HVAC Boiler 86% to 89.9% AFUE or Combustion Efficiency - Level 1		\$0.75 per MBH
HV302	HVAC Boiler at least 90% AFUE or Combustion Efficiency - Level 2		\$0.90 per MBH
HV303	Process Steam Boilers (at least 82% Efficient)		\$1.25 per MBH
HV304	HVAC Steam Boilers (at least 82% Efficient)		\$2.00 per MBH
HV305	Process Hydronic (Water) Boilers (at least 82% Efficient)		\$1.20 per MBH
HV306	High-Efficiency Pool Water Heater (at least 84% Efficient)		\$2.00 per MBH
HV307	High-Efficiency Unit Heater (at Least 92% Efficient)		\$2.50 per MBH
HV308	High-Efficiency Unit Heater (at Least 95% Efficient)		\$3.00 per MBH
HV309	Direct Fired Makeup Air Handling Units		\$1.00 per MBH
HV310	Condensing Rooftop Unit		\$10.00 per MBH
HV311	Infrared Heaters Electric and Natural Gas ^(1,4)		\$7.00 per MBH
HV312	Infrared Heaters Natural Gas Only ⁽⁴⁾		\$5.00 per MBH

Domestic Water Heating Boilers ⁽³⁾			Incentive
HV313	High-Efficiency Domestic Water Heating Boilers (at Least 92% Efficient) ⁽³⁾		\$1.50 per MBH

Building Automation Systems

Centralized Building Automation System (BAS) ⁽⁴⁾			Incentive
BA101	Web Based Building Automation System ^(1,2,3)		up to \$0.45 per ft ²
BA102	Light Commercial Building Automation System (BAS) ^(1,2,3)		up to \$0.30 per ft ²
BA103	BAS for Manufacturing HVAC Fans ⁽²⁾		\$150.00 per HP
BA104	Parking Garage Exhaust Fan Carbon Monoxide (CO) Control ⁽²⁾		\$300.00 per HP
BA105	Hydronic HVAC Pump Control ⁽²⁾		\$80.00 per HP
BA106	Critical Zone Supply Air Reset Control ⁽²⁾		\$20.00 per ton
BA107	Air-Side Economizer ⁽²⁾		\$15.00 per ton
BA108	Optimal Start on Air Handling Units ^(1,2,3)		up to \$0.10 per ft ²

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Qualifies New Construction

Chiller Controls ^(2,4)		Incentive
BA109a	Chilled Water Reset Retrofit (5° F Reset)	\$15.00 per ton
BA109b	Chilled Water Reset Retrofit (10° F Reset)	\$50.00 per ton
BA110	Optimized Chiller Plant Sequencing	\$4.00 per ton

Advanced Rooftop HVAC Controls ⁽⁴⁾		Incentive
BA111	Enhanced Ventilation Control ^(2,3)	up to \$250.00 per ton

Unitary Controls ⁽⁴⁾		Incentive
BA201 BA202	Hotel Guest Room Occupancy Sensor ^(1,2,3)	\$80.00 per unit
BA203	Small Business Smart Thermostats ^(1,2,3)	\$200.00 per unit
BA204	Occupancy Sensor Control for Smart Thermostats ^(1,2,3)	up to \$0.04 per ft ²
BA205	Occupancy Sensor Controlled Restroom Exhaust Fan (Electric Only) ⁽²⁾	\$10.00 per fan

Ventilation Controls ⁽⁴⁾		Incentive
BA206	Demand Control Ventilation ^(1,2,3)	up to \$0.08 per ft ²
BA207	Occupancy Sensor Control for HVAC BAS Systems ^(1,2,3)	up to \$0.09 per ft ²
BA208	Demand Control Ventilation and Occupancy Sensors for HVAC ^(1,2,3)	\$0.05 per ft ²

Boiler Controls ^(3,4)		Incentive
BA301	Optimized Boiler Plant Sequencing	up to \$1.00 per MBH
BA302	Modulating Burner Control	up to \$1.25 per MBH
BA303	Boiler Oxygen Trim Control	up to \$0.75 per MBH
BA304	Linkageless Boiler Controls	up to \$0.75 per MBH
BA305	Combination Boiler Oxygen Trim Control and Linkageless Boiler Controls	up to \$1.00 per MBH
BA306	Water Reset Control Retrofit	\$0.70 per MBH
BA307	Basic Snow Melt Controls Retrofit	\$1.00 per ft ²
BA308	Enhanced Snow Melt Controls Retrofit	\$0.60 per ft ²

Makeup Air Handling Unit Burner Controls ^(3,4)		Incentive
BA309a	Modulating Burner on Makeup Air Handling Unit (Continuous Operation)	\$5.00 per MBH
BA309b	Modulating Burner on Makeup Air Handling Unit (> 100 hrs/week Operation)	\$5.00 per MBH
BA309c	Modulating Burner on Makeup Air Handling Unit (> 50 hrs/week Operation)	\$1.00 per MBH

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Qualifies New Construction

Advanced Air Distribution and Energy Recovery

Advanced Air Distribution Systems ⁽⁴⁾		Incentive
AE101	Constant Volume AHU to VAV AHU with Hydronic Reheat ^(1,2,3)	up to \$0.70 per ft ²
AE102	Constant Volume AHU to Hydronic Heat Pump Loop ^(1,2,3)	up to \$0.60 per ft ²

Energy Recovery ^(3,4)		Incentive
AE103	Enthalpy Wheel Energy Recovery Unit	\$0.40 per CFM
AE104	Fixed-Plate Air-to-Air Energy Recovery Unit	\$0.35 per CFM
AE105	Dust Collector Air Exhaust Recovery	\$1.50 per CFM

Boiler Efficiency Improvements ^(3,4)		Incentive
AE106	HVAC Boiler Stack Economizer	up to \$1.00 per MBH
AE107	Process Boiler Stack Economizer	up to \$3.00 per MBH
AE108	Steam Boiler Makeup Water Pre-Heat	\$10.00 per MMBtu/yr
AE109	Automatic Boiler Blowdown Reduction	\$0.02 Gal/yr reduced

Refrigeration Waste Heat Recovery ^(3,4)		Incentive
AE110	Refrigeration Waste Heat Recovery Decreasing Domestic Water Heating	\$150.00 per ton
AE111	Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	\$100.00 per ton

Air-Side Conditioning Economizer Mode ^(2,4)		Incentive
AE201	Computer Room Air Conditioning Glycol Economizer	\$60.00 per MBH
AE202	Air-Side Economizer for CRAC or Telecom Applications	\$60.00 per MBH
AE203	Air-Side, Air to Air Heat Exchange Economizer for CRAC or Telecom Application	\$30.00 per MBH

Water-Side Economizer ^(2,4)		Incentive
AE204	Water-Cooled Chiller ^(2,4)	\$60.00 per ton
AE205	Air-Cooled Chiller ^(2,4)	\$120.00 per ton

Condenser Heat Recovery ⁽⁴⁾		Incentive
AE206 AE208	Water-Cooled Condenser ^(2,3)	up to \$400.00 per ton
AE207 AE209	Air-Cooled Condenser ^(2,3)	up to \$500.00 per ton

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(4) Pre-notification is required.
Qualifies New Construction

Operating Room Air Exchange Rate Setback ⁽⁴⁾		Incentive
AE210	Operating Room Air Exchange Rate Setback with at Least 20% Outside Air ^(1,2,3)	up to \$2.00 ft ²
AE211	Operating Room Air Exchange Rate Setback with 100% Outside Air ^(1,2,3)	up to \$3.00 ft ²

Laboratory

Laboratory ⁽⁴⁾		Incentive
LB101	Auto Sash Closer ^(1,2,3)	up to \$80.00 per linear ft of sash
LB102	Reduced/Optimized Air Change per Hour (ACH) Rate ^(1,2,3)	up to \$2.75 per CFM reduced
LB103	Sash Stops (Electric Only) ⁽²⁾	\$25.00 per linear ft of sash
LB104	Laboratory Fume-Hood Ventilation Reduction ^(1,2,3)	up to \$1.40 per CFM reduced
LB105	Occupancy Sensor with VAV Hood ^(1,2,3)	up to \$60.00 per linear ft of sash
LB106	Low-Flow Hood with VAV Hood ^(1,2,3)	up to \$60.00 per linear ft of sash

Tune-Up/Maintenance

Tune-Up/Repair ^(3 unless otherwise stated)			Incentive
TU101	Space Heating Boiler Tune-Up minimum 110 MBH		up to \$350.00 per boiler
TU102	Process Boiler Tune-Up minimum 300 MBH		up to \$500.00 per boiler
TU103	Process Burner Tune-Up minimum 300 MBH		up to \$500.00 per burner
TU104	Pool & Spa Boiler Tune-Up minimum 300 MBH		up to \$250.00 per boiler
TU105	Domestic Water Heater Tune-Up minimum 199 MBH		up to \$350.00 per boiler
TU106	Gas Furnace or RTU Tune-Up minimum 40 MBH		up to \$125.00 per furnace
TU201a	Air and Water-Cooled Chiller Tune-Up ⁽²⁾	20 to 149 Tons	\$500.00 per chiller
TU201b		150 Tons to 999	\$1,250.00 per chiller
TU201c		1000 Tons or Greater	\$7,500.00 per chiller
TU202	Steam Trap Repair or Replacement		up to \$100.00 per trap
TU203	Steam Trap Monitoring System - Space Heat		\$30.00 per trap
TU204	Steam Trap Monitoring System - Process		\$30.00 per trap
TU205a	New Outdoor Air Damper Assembly ^(3,4)		\$0.03 per CFM total supply
TU205b	Repair Outdoor Air Damper ^(3,4)		\$0.01 per CFM total supply

(1) Customers must receive electric and natural gas services from Consumers Energy to qualify for the larger incentive.

(2) Customers must receive electric energy from Consumers Energy to qualify unless otherwise stated.

(3) Customers must receive natural gas from Consumers Energy to qualify unless otherwise stated.

(4) Pre-notification is required.

Qualifies New Construction

Refrigeration

Refrigeration ^(2,4)		Incentive
RF101	Discus Refrigeration Compressors	\$20.00 per ton
RF102	Scroll Refrigeration Compressors	\$35.00 per ton
RF103	Floating Head Pressure Control	up to \$100.00 per ton
RF104	Refrigeration Air Side Economizer	\$30.00 per ton
RF105 to RF107	Refrigeration Light Reduction	up to \$0.18 per watt reduced

Refrigeration Controls ^(2,4)		Incentive
RF108	Anti-Sweat Heater Controls	\$75.00 per door
RF109	Cooler or Freezer Defrost Control	\$15 per ton
RF110 to RF112	Evaporator Fan Demand Control	up to \$120.00 per controller

Refrigeration Motors ^(2,4)		Incentive
RF113	Refrigeration Case Electronically Commutated Motor (ECM)	\$70.00 per unit
RF114	Walk-in Cooler Electronically Commutated Motor replacing Non-ECM Motor	\$100.00 per unit
RF115	Walk-in Cooler Evaporator Motor Reduction	\$250.00 per motor removed

Refrigeration Lighting ⁽²⁾		Incentive
RF116	LED Lighting for Refrigeration Cases ⁽⁴⁾	\$10.00 per linear foot of lamp
RF117	Occupancy Sensors for LED Refrigerator Lighting	\$15.00 per door

New Reach-In Refrigerated Case Doors ^(2,4)		Incentive
RF201	No Heat Reach-In Case Doors	up to \$150.00 per door
RF202	Medium Temperature (33° F to 50° F)	up to \$60.00 per linear foot
RF203	Low Temperature (0° F to 32° F)	up to \$120.00 per linear foot
RF204	Strip Curtains Cooler (40° F)	\$6.00 per ft ²
RF205	Strip Curtains Freezer (0° F)	\$9.00 per ft ²

Refrigeration Insulation ^(2,4)		Incentive
RF206	Door Gasket Seals	\$2.00 per linear foot
RF207	Integrated variable Speed Motor (ECM) for Exterior Condenser Fans	\$30.00 per HP

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(4) Pre-notification is required.

Qualifies New Construction

Kitchen/Laundry

Laundry ⁽³⁾		Incentive
KL101	Laundry Ozone Generation System	\$40.00 per pounds

Commercial Kitchen Ventilation Control ⁽³⁾		Incentive
KL102	Commercial Kitchen Ventilation Control	\$1.00 per CFM

Building Envelope and Insulation

Building Insulation ^(3,4 and natural gas heat)		Incentive
BE101	Wall Insulation	\$0.60 per ft ²

Building Insulation ^(3,4 and natural gas heat)		Incentive
BE102	Flat Roof Insulation	up to \$0.16 per ft ²
RF103	Attic Roof Insulation	\$0.30 per ft ²

Envelope ⁽⁴⁾		Incentive
BE104	Window Reduction ⁽³⁾	\$0.75 per ft ²
BE105	Window Film ⁽²⁾	\$0.40 per ft ²
BE106	Window Awnings ⁽²⁾	\$0.25 per ft ²
BE107	High Performance Glazing in Windows ⁽²⁾	\$0.25 per ft ²
BE108	Cool (White) Roof ⁽²⁾	\$0.02 per ft ²

Automatic High Speed Doors ⁽²⁾		Incentive
BE109	Automatic High Speed Doors	up to \$150.00 per ft ²

Pipe and Ductwork Insulation

Pipe Insulation - Natural Gas Heat ^(3,4)		Incentive
IN101	Steam Space Heating (HVAC)	\$6.00 per linear foot
IN102	Steam Condensate Space Heating (HVAC)	\$3.00 per linear foot
IN103	Hydronic Space Heating (HVAC)	\$4.00 per linear foot
IN104	Domestic Hot Water	up to \$2.00 per linear foot
IN105	Process Steam Pipe Insulation	up to \$3.00 per linear foot
IN106	Process Steam Pipe Condensate Insulation	up to \$3.00 per linear foot

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Qualifies New Construction

PEX Pipe Insulation ^(3,4)		Incentive
IN107	Domestic Hot Water - Unconditioned Space	\$2.00 per linear foot
IN108	Hydronic Space Heating - Unconditioned Space	\$3.00 per linear foot
IN109	Domestic Hot Water - Conditioned Space	\$1.00 per linear foot

Pipe Insulation - Electric ⁽⁴⁾		Incentive
IN110a	Domestic Hot Water - Unconditioned Space	\$1.00 per linear foot
IN110b	Domestic Hot Water - Conditioned Space	\$0.50 per linear foot

DX Suction Refrigerant Piping Insulation Location ^(2,4)		Incentive
IN111	Data Center - Conditioned Space	\$0.20 per linear foot
IN112	Mid Temperature Refrigeration	up to \$0.75 per linear foot
IN113	Low Temperature Refrigeration	\$3.00 per linear foot

Ductwork Insulation - Natural Gas Heat ^(3,4)		Incentive
IN114 IN115	Ductwork Insulation - Non-Conditioned Space	up to \$2.00 per linear foot
IN116 IN117	Ductwork Insulation - Exterior Space	up to \$3.00 per linear foot

Agricultural

Agriculture		Incentive
AG101	Farm Energy Audit as Defined by USDA (Tier 2)	\$1,000.00 per farm
AG102	Grain Dryers ^(3,4)	\$0.04 per bushels/yr
AG103	Retrofit Grain Dryers ^(3,4)	\$0.03 per bushels/yr
AG104	Grain Storage Temperature/Moisture Management Controller ^(2,4)	\$50.00 per HP

Greenhouse ^(3,4)		Incentive
AG105	Greenhouse Heat Curtains	\$0.25 per ft ²
AG106 AG107	Greenhouse Infrared Film	up to \$0.50 per ft ²
AG108	Greenhouse Environmental Controls	\$0.25 per ft ²
AG109 AG110	Greenhouse In-Floor Heating System	up to \$0.50 per ft ²

Ventilation ^(2,4)		Incentive
AG111	Circulation, Exhaust or Ventilation Fans	up to \$100.00 per fan
AG112	High-Volume, Low-Speed Fans	up to \$800.00 per fan
AG113	Fan Thermostat Controller	\$100.00 per HP

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Qualifies New Construction

Irrigation ^(2,4)		Incentive
AG114	VSD on Ag Irrigation Systems	\$40.00 per HP
AG115	VSD on Golf Course Irrigation Systems	\$40.00 per HP
AG116	Sprinkler to Drip Irrigation	\$50.00 per acre
AG117	Low-Pressure Sprinkler Nozzle	\$0.50 per nozzle
AG118	Low-Energy Livestock Waterer	\$125.00 per unit

Dairy ^(2,4)		Incentive
AG119	Scroll Compressor for Dairy Refrigeration without Heat Exchanger	\$0.04 per lb milk/day
AG120	Scroll Compressor for Dairy Refrigeration with Heat Exchanger	\$0.08 per lb milk/day
AG121	Variable Speed Controller for Vacuum Pump	\$100.00 per HP
AG122	Variable Speed Drive on Milk Pump with Existing Milk Pre-Cooler	\$0.10 per lb milk/day
AG123	Variable Speed Drive on Milk Pump with New Milk Pre-Cooler	\$0.14 per lb milk/day
AG124	Milk Pre-Cooler (Heat Exchanger, Chiller Savings)	\$0.20 per lb milk/day
AG125	Water Pre-Heat Heat Exchanger (Heat Recovery Tank) ^(2,3)	up to \$0.30 per lb milk/day
AG126	Dairy Refrigeration Tune-Up (Pre - Notification Not Required)	\$0.04 per lb milk/day

Agriculture Lighting System Retrofit ^(2,4)		Incentive
AG201	LED Grow Lights	\$0.50 per watt reduced
AG202	Dairy Long Day Lighting (Interior LED Lighting)	\$0.70 per watt reduced
AG203	Poultry LED Lighting Systems	\$0.70 per watt reduced

Miscellaneous Agriculture ^(2,4)		Incentive
AG204a	VFD on Agricultural Fans (Operating Between 750 hrs/yr to 2,000 hrs/yr)	\$60.00 per HP
AG204b	VFD on Agricultural Fans (Operating More than 2,000 hrs/yr)	\$80.00 per HP

Miscellaneous Agriculture ^(2,4)		Incentive
AG205a	VFD on Agricultural Pumps (Operating Between 750 hrs/yr to 2,000 hrs/yr)	\$40.00 per HP
AG205b	VFD on Agricultural Pumps (Operating More than 2,000 hrs/yr)	\$50.00 per HP

EC Fan Motor ^(2,4)		Incentive
AG206	EC Fan Motor for Cold Storage Evaporator	\$100.00 per HP

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Qualifies New Construction

NEED HELP?

Call 877-607-0737

or Email:

ConsumersEnergyBusinessSolutions@cmsenergy.com

Our team is ready to help you with your
next energy efficiency project.



877-607-0737

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