

# 2023 Incentive Guide



## Consumers Energy Business Energy Efficiency Programs

**Consumers Energy**

*Count on Us®*

**Need help?**

**Call 877-607-0737**

**or Email:**

**[ConsumersEnergyBusinessSolutions@cmsenergy.com](mailto:ConsumersEnergyBusinessSolutions@cmsenergy.com)**

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

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# Incentive Caps And Limits

The amount of incentives a facility or customer can receive is limited. A facility is defined as a single customer who is responsible for paying the Consumers Energy electricity and/or natural gas bill. A customer is defined as the organization under which the company (or companies) are owned or operated, regardless of who is responsible for paying the bill. Program year incentive limits are per customer, facility, project or measure per below.

<b>Prescriptive Incentives:</b>	100% of the total project cost, and per measure, facility, or project where specified in the Incentive Catalog or Application
<b>Custom Incentives:</b>	50% of the total project cost
<b>Electric Customer Incentive Limit:</b>	\$2 million across all facilities per customer
<b>Natural Gas Customer Incentive Limit:</b>	\$1 million across all facilities per customer
<b>Natural Gas Custom Tiers per Customer:</b>	100% of the NG incentive up to \$500,000 50% of the NG incentive above \$500,000

# Buy Michigan Bonus

Customers who use Michigan made products in their energy saving projects may be eligible for an additional 20% bonus incentive. An affidavit from the manufacturer attesting the product is at least 50% manufactured and assembled in the state of Michigan (exclusive of packaging) is required.

# 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.

You'll receive \$12 per Mcf of natural gas saved and \$0.10 per kWh of electricity saved subject to the incentive caps and limits specified above. The payback period must be between one and 15 years and the incentive is capped at 50% of the total project cost for each project.

## What Qualifies:

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

# Prescriptive Energy Efficiency Incentives

## Lighting

UL Type A, B, C or Dual Mode Linear LED Tube Light Retrofits <sup>(2,4)</sup>		Incentive
LT101 LT114	2-Ft T12 to 2-Ft LED Tube Light	\$2.50 per Lamp
LT102 LT115	2-Ft T8 to 2-Ft LED Tube Light	\$1.00 per Lamp
LT103 LT116	3-Ft T12 to 3-Ft LED Tube Light	\$3.50 per Lamp
LT104 LT117	3-Ft T8 to 3-Ft LED Tube Light	\$2.00 per Lamp
LT105 LT118	4-Ft T12 to One (1) 4-Ft LED Tube Light	\$5.00 per Lamp
LT106 LT119	4-Ft T8 to One (1) 4-Ft LED Tube Light (Low Bay)	\$3.00 per Lamp
LT107 LT120	4-Ft T8 to One (1) 4-Ft LED Tube Light (High Bay)	\$4.00 per Lamp
LT108 LT121	4-Ft T5 to One (1) 4-Ft LED Tube Light (Low Bay)	\$3.00 per Lamp
LT109 LT122	4-Ft T5 to One (1) 4-Ft LED Tube Light (High Bay)	\$4.00 per Lamp
LT110 LT123	8-Ft T12 to Two (2) 4-Ft LED Tube Light	\$10.00 per 8-Ft Lamp Replaced
LT111 LT124	8-Ft T8 to Two (2) 4-Ft LED Tube Light	\$7.00 per 8-Ft Lamp Replaced
LT112 LT125	8-Ft T12 to One (1) 8-Ft LED Tube Light	\$10.00 per 8-Ft Lamp Replaced
LT113 LT126	8-Ft T8 to One (1) 8-Ft LED Tube Light	\$7.00 per 8-Ft Lamp Replaced

Permanent Interior T8 or T12 Lamp Removal <sup>(2,4,5)</sup>		Incentive
LT127	T8 or T12 2-Ft or 3-Ft Lamp Removal	\$1.50 per Lamp Removed
LT128	T8 or T12 4-Ft Lamp Removal	\$5.00 per Lamp Removed
LT129	T8 or T12 8-Ft Lamp Removal	\$12.00 per Lamp Removed

LED Lighting Fixtures and Lamps <sup>(2,4)</sup>		Incentive
LT201	Exterior LED Lighting	\$0.65 per Watt Reduced
LT202	Parking Garage LED Lighting	\$0.60 per Watt Reduced
LT203	Interior LED Lighting (High Bay ≥ 15-Ft)	\$0.40 per Watt Reduced
LT204	Interior LED Lighting (High Bay ≥ 15-Ft) Continuous Operation	\$1.00 per Watt Reduced
LT205	Interior LED Lighting (Low Bay < 15-Ft)	\$0.35 per Watt Reduced

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

(5) Must be combined with a qualifying LED Tube Light Retrofit incentive project.

LED Lighting Fixtures and Lamps <sup>(2,4)</sup>		Incentive
LT206	Interior LED Lighting (Low Bay < 15-Ft) Continuous Operation	\$1.00 per Watt Reduced
LT207	Interior Linear LED Tube Light Fixtures (High Bay ≥ 15-Ft)	\$0.55 per Watt Reduced
LT208	Interior Linear LED Tube Light Fixtures (High Bay ≥ 15-Ft) Continuous Operation	\$1.00 per Watt Reduced
LT209	Interior Linear LED Tube Light Fixtures (Low Bay < 15-Ft)	\$0.30 per Watt Reduced
LT210	Screw-in LED Lamp Replacing HID Lamp (HID lamp ≤ 400W)	\$0.25 per Watt Reduced
LT211	Signage and Canopy Decorative/Security LED Lighting (Continuous Operation)	\$0.50 per Watt Reduced
LT212	Signage and Canopy Decorative/Security LED Lighting (Commercial Hours)	\$0.25 per Watt Reduced

Interior LED Trim Kits and Downlight Fixtures <sup>(2,4)</sup>		Incentive
LT301	Interior LED Trim Kits and Downlight Fixtures	\$8.00 per Trim Kit/Fixture

Non-Defined LED Lighting <sup>(2,4)</sup>		Incentive
LT302	Lumens per Watt Improvement (Mean Efficacy Increase ≥ 5%)	\$0.09 per kWh
LT303	Energy Conservation Improvement (Mean Efficacy Increase < 5%)	\$0.05 per kWh

New Construction LED Lighting Power Density <sup>(2,4)</sup>		Incentive
LT401	Interior Lighting	\$0.30 per Watt Reduced
LT402	Exterior Lighting	\$0.45 per Watt Reduced
LT403	Parking Garage Lighting	\$0.80 per Watt Reduced

## Lighting Controls

Lighting Controls <sup>(2)</sup>		Incentive
LC101	Interior Lighting Occupancy Sensors per Space Controlled <sup>†</sup>	Up to \$85.00 per Sensor
LC102	Interior Lighting Occupancy Sensors per Watt Controlled <sup>†</sup>	\$0.08 per Watt Controlled
LC103	Interior Lighting Occupancy Sensor & Daylight Sensor Controls <sup>(4)</sup>	\$0.12 per Watt Controlled
LC104	Interior Lighting Daylight Sensor Controls <sup>(4)*</sup>	\$0.09 per Watt Controlled
LC105	Interior Centralized Lighting Controls <sup>(4)</sup>	\$0.06 per Ft <sup>2</sup>
LC106	Interior Stairwell Lighting Controls <sup>(4)</sup>	\$0.40 per Watt Controlled
LC107	Exterior Lighting Multi-Step Dimming Occupancy Sensors <sup>(4)</sup>	\$0.15 per Watt Controlled
LC108	Exterior Lighting Occupancy Sensor Controls <sup>(4)</sup>	\$0.25 per Watt Controlled
LC109	Exterior Multi-Step Dimming Timer Controls <sup>(4)</sup>	\$0.15 per Watt Controlled

Network Lighting Controls <sup>(2,4)</sup>		Incentive
LC110	Type 1 (Commercial, Offices, Schools and Hospitals)	\$0.25 per kWh
LC111	Type 2 (Manufacturing, Heavy Industrial, Parking Structures and Warehousing)	\$0.18 per kWh

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

\* Measure may be eligible for New Construction applications if daylight sensor controls are not required by code (consult Incentive Catalog and ASHRAE 90.1- 2013).

† Measures LC101 and LC102 cannot be applied to the same sensor. Integrated sensors and sensors controlling only one low-bay fixture are only eligible for LC101a or LC102. Sensors controlling a single high-bay fixture or integrated into a high-bay fixture are eligible for LC101a, LC101b or LC102.

■ Means equipment may qualify for New Construction.

# Variable Frequency Drives (VFD)

HVAC Variable Frequency Drives <sup>(2)</sup>		Incentive
VF101	VFD on HVAC Supply Fans up to 100 HP **	\$70.00 per HP
VF102	VFD on HVAC Return Fans up to 100 HP **	\$70.00 per HP
VF103	VFD on HVAC Cooling Tower Fans up to 100 HP **	\$40.00 per HP
VF104	VFD on HVAC Chilled Water Pumps up to 100 HP **	\$60.00 per HP
VF105	VFD on HVAC Hydronic Heating Water Pumps up to 100 HP **	\$100.00 per HP
VF106	VFD on HVAC Fans - Fixed Speed (54 Hz or less) up to 100 HP **	\$50.00 per HP
VF107	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass up to 100 HP **	\$40.00 per HP
VF108	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled up to 100 HP **	\$25.00 per HP
VF109	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass up to 100 HP **	\$70.00 per HP
VF110	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled up to 100 HP **	\$40.00 per HP
VF111	Two-Speed RTU Supply Fans **	\$20.00 per Ton
VF112	VFD on HVAC or Grocery Store Refrigeration System Condenser Fans **	\$50.00 per Ton of Load

Process Variable Frequency Drives <sup>(2)</sup>		Incentive
VF201	VFD on Process Pumps up to 50 HP	\$125.00 per HP
VF202	VFD on Process Pumps 51 HP to 250 HP *	\$75.00 per HP
VF203	VFD on Process Fans up to 50 HP	\$100.00 per HP
VF204	VFD on Process Fans 51 HP to 250 HP *	\$50.00 per HP
VF205	VFD on Process Fans - Fixed Speed (54 Hz or less) up to 250 HP *	\$75.00 per HP
VF206	VFD on Process Pumps - Fixed Speed (54 Hz or less) up to 250 HP *	\$100.00 per HP
VF207	VFD on Data Center, Telecom, or Computer Room Air Conditioning System (CRAC) Pumps and Fans **	\$150.00 per HP
VF208	VFD on Open Loop Pumping Systems up to 100 HP *	\$40.00 per HP
VF209	VFD on Industrial Process Cooling or Refrigerated Warehouse System Condenser Fans - Med Temperature Refrigeration (33°F to 50°F)	\$100.00 per HP
VF210	VFD on Industrial Process Cooling or Refrigerated Warehouse System Condenser Fans - Low Temperature Refrigeration (Below 32°F)	\$120.00 per HP
VF211	VFD on Pool Circulation Pumps up to 50 HP	\$200.00 per HP
VF212	VFD on Process Cooling Tower Fans *	\$40.00 per HP
VF213	VSD on Industrial Vacuum Pump Systems up to 25 HP	\$20.00 per HP

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

\* Pre-Notification required for motors rated over 50 HP. Please fill out and submit the Variable Frequency Drive Work sheet in the Incentive Catalog Appendix, complete the power monitoring described on the VFD Worksheet, and submit the power monitoring data (kW) with the Final Application.

\*\* Measure may be eligible for New Construction applications if variable speed control is not required by code (consult Incentive Catalog and ASHRAE 90.1- 2013).

■ Means equipment may qualify for New Construction.

<b>Integrated Variable Speed Motor (e.g. ECM) for Fans and Pumps <sup>(2)</sup></b>		<b>Incentive</b>
VF301	Integrated Variable Speed Motor (e.g. ECM) on Furnace, UV, FC, and Light Duty AHU Fans (up to 7.5 HP) *	\$100.00 per HP
VF302	Integrated Variable Speed Motor (e.g. ECM) on RTU or Grocery Store Refrigeration System Exterior Condenser Fans *	\$30.00 per HP
VF303	ECM on Domestic Hot Water Recirculation Pumps	Up to \$500.00 per Motor
VF304	ECM on Hydronic Heating Circulation Pumps *	Up to \$450.00 per Motor
VF305	ECM on Chilled Water Circulation Pumps *	Up to \$200.00 per Motor

## Compressed Air

<b>Compressed Air Supply <sup>(2)</sup></b>		<b>Incentive</b>
CA101	VSD Air Compressor (50 HP to 500 HP) (Single Air Compressor System) Minimum 6,000 hrs./yr. operation <sup>(4)</sup>	\$170.00 per HP
CA102	VSD Air Compressor (50 HP to 500 HP) (Single Air Compressor System) Minimum 2,000 hrs./yr. operation <sup>(4)</sup>	\$100.00 per HP
CA103	VSD Air Compressor (50 HP to 500 HP) (Multiple Air Compressor System) Minimum 7,200 hrs./yr. operation <sup>(4)</sup>	\$200.00 per HP
CA104	VSD Air Compressor (50 HP to 500 HP) (Multiple Air Compressor System) Minimum 4,000 hrs./yr. operation <sup>(4)</sup>	\$150.00 per HP
CA105	Retrofit Air Compressor with VSD (50 HP to 300 HP) (Single Air Compressor System) Minimum 6,000 hrs./yr. operation <sup>(4)</sup>	\$75.00 per HP
CA106	Retrofit Air Compressor with VSD (50 HP to 300 HP) (Multiple Air Compressor System) Minimum 7,200 hrs./yr. operation <sup>(4)</sup>	\$100.00 per HP
CA107a	VSD Air Compressor (Less than 50 HP) 24/7 Operation <sup>(4)</sup>	\$200.00 per HP
CA107b	VSD Air Compressor (Less than 50 HP) 3-Shift <sup>(4)</sup>	\$150.00 per HP
CA107c	VSD Air Compressor (Less than 50 HP) 2-Shift <sup>(4)</sup>	\$100.00 per HP
CA107d	VSD Air Compressor (Less than 50 HP) 1-Shift <sup>(4)</sup>	\$50.00 per HP
CA108	Variable Displacement (VD) Air Compressor ( $\geq$ 50 HP) (Single Air Compressor System) <sup>(4)</sup>	\$35.00 per HP
CA109	Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type) ( $\geq$ 50 HP) <sup>(4)</sup>	\$20.00 per HP
CA110	Refrigerated Cycling Thermal Mass Compressed Air Dryer <sup>(4)</sup>	\$1.00 per SCFM
CA111	Refrigerated Cycling Variable Speed Drive Compressed Air Dryer <sup>(4)</sup>	\$3.50 per SCFM
CA112	Refrigerated Cycling Digital Scroll Compressed Air Dryer <sup>(4)</sup>	\$3.00 per SCFM
CA113	Refrigerated Non-Cycling Compressed Air Dryer replacing Desiccant Compressed Air Dryer ( $\geq$ 50 HP System) <sup>(4)</sup>	\$4.00 per SCFM
CA114	Heated Blower Purge Desiccant Compressed Air Dryer <sup>(4)</sup>	\$4.00 per SCFM
CA115	Desiccant Compressed Air Dryer with Dew Point Sensor Control <sup>(4)</sup>	\$8.00 per SCFM
CA116	Heat of Compression Desiccant Compressed Air Dryer ( $\geq$ 50 HP System) <sup>(4)</sup>	\$6.50 per SCFM
CA117	Air Recycling Pneumatic Valve ( $\geq$ 60 PSI), $\geq$ 4,000,000 cycles per year	\$35.00 per Valve
CA118	Air Recycling Pneumatic Valve ( $\geq$ 60 PSI), $\geq$ 2,000,000 cycles per year	\$20.00 per Valve

\* Measure may be eligible for New Construction applications if variable speed control is not required by code (consult Incentive Catalog and ASHRAE 90.1-2013).

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.



Compressed Air Supply <sup>(2)</sup>			Incentive
CA119	Low-Pressure Drop Compressed Air Filter (≥ 50 HP System)		\$7.50 per HP
CA120	Compressed Air Pressure-Flow Controller <sup>(4)</sup>		\$10.00 per HP
CA121	Air Compressor Outdoor Air Intake (≥ 50 HP and ≥ 80 psig System) <sup>(4)</sup>		\$14.51 per HP
CA122	Air Compressor Waste Heat Recovery <sup>(3,4)</sup>		\$50.00 per HP
CA123a	Compressed Air Storage Tank (> 90 psig) <sup>(4)</sup>	≤ 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

Correct Sizing Compressed Air <sup>(2,4)</sup>		Incentive
CA124	Correct Sizing Air Compressor (Single Air Compressor System)	\$95.00 per HP Reduced

Compressed Air Energy Audit and Leak Repair ( $\geq 50$ HP System) <sup>(2)</sup>		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 and VSD	\$30.00 per HP
CA205	Compressed Air Leak Repair	\$7.50 per HP
CA206	Compressed Air Leak repair with VSD	\$10.00 per HP

Compressed Air Reduction <sup>(2)</sup>		Incentive
CA207	Compressed Air Zero-Loss Condensate Drain, Electronic Sensor Style	\$300.00 per Drain
CA208	Compressed Air Zero-Loss Condensate Drain, Mechanical Float Style	\$300.00 per Drain
CA209	Pressure Sensing Vortex Vacuum Generator	\$20.00 per CFM
CA210	Pneumatic Hand Tool Replaced with Corded Electric Hand Tool <sup>(4)</sup>	\$100.00 per Tool
CA211	Pneumatic Hand Tool Replaced with Cordless Electric Hand Tool <sup>(4)</sup>	\$70.00 per Tool
CA212	Pneumatic Motor Replaced with Electric Motor <sup>(4)</sup>	\$100.00 per HP
CA213	Low Pressure Air Blower System Replacing Compressed Air Blow-Off Application ( $> 80$ psig) <sup>(4)</sup>	\$450.00 per HP (Air Blower)
CA214	Compressed Air Engineered Nozzles (at Least 1,000 hrs./yr.) <sup>(4)</sup>	\$15.00 per Unit

## Miscellaneous Electric

Power Management <sup>(2)</sup>		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 Miser	\$65.00 per Miser
ME104	Engine Block Heater Controller	\$100.00 per Heater
ME105	Drinking Water Cooling Miser	\$50.00 per Miser
ME106	Snack Vending Machine Miser	\$25.00 per Miser

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

Miscellaneous <sup>(2)</sup>		Incentive
ME107	High-Efficiency Electric Hand Dryers	\$100.00 per Unit
ME108	Cogged V-Belt Drives (1 to 25 HP)	\$5.00 per HP
ME109	Cogged V-Belt Drives (26 to 500 HP)	\$2.50 per HP
ME110	Data Center, Telecom or Computer Room High-Efficiency Rectifiers ( $\leq 200$ Amps, 94% - 96.9% Efficiency) - CRAC with Economizer <sup>(4)</sup>	\$75.00 per kW of Load
ME111	Data Center, Telecom or Computer Room High-Efficiency Rectifiers ( $\leq 200$ Amps, 94% - 96.9% Efficiency) - CRAC without Economizer <sup>(4)</sup>	\$55.00 per kW of Load
ME112	Data Center, Telecom or Computer Room High-Efficiency Rectifiers ( $\leq 200$ Amps, $\geq 97\%$ Efficiency) - CRAC with Economizer <sup>(4)</sup>	\$125.00 per kW of Load
ME113	Data Center, Telecom or Computer Room High-Efficiency Rectifiers ( $\leq 200$ Amps, $\geq 97\%$ Efficiency) - CRAC without Economizer <sup>(4)</sup>	\$100.00 per kW of Load
ME114a,b	High Efficiency Pumps: Pump Energy Index (PEI) ( $\leq 50$ HP) [a = Standard Hours ( $\geq 2,000$ ), b = Low Hours ( $< 2,000$ )] <sup>(4)</sup>	a = \$0.15 per kWh b = \$0.10 per kWh

## Manufacturing

Industrial Process Improvement <sup>(2,4)</sup>			Incentive
MA101a	High Efficiency Injection Molding Machines	All-Electric	\$25.00 per Metric Ton
MA101b		Hybrid	\$25.00 per Metric Ton
MA101c		VSD or Servo Hydraulic $\geq 1,000$ lb./yr./ton	\$18.00 per Metric Ton
MA101d		VSD or Servo Hydraulic $\geq 600$ to $< 1,000$ lb./yr./ton	\$15.00 per Metric Ton
MA101e		VSD or Servo Hydraulic $\geq 400$ to $< 600$ lb./yr./ton	\$7.50 per Metric Ton
MA102a,b	Fiber Laser Cutting Machine Replacing CO <sub>2</sub> Laser Cutting Machine (a = $\geq 4,000$ hrs./yr., b = 2,500 to 3,999 hrs./yr.)		a = \$4,000 per Output kW b = \$2,500 per Output kW
MA103	Process Dryer Flow Rate Control with Relative Humidity Sensor (Dryer Exit Temperature $\geq 150^\circ\text{F}$ )		\$4.00 per CFM Reduced
MA104	Dew point Sensor Control for Desiccant Column Plastic Pellet Dryer		\$50.00 per kW of the Heating Element

Process Ventilation Reduction <sup>(4)</sup>		Incentive
MA105	Process Ventilation Reduction (Facility Heating Savings) <sup>(3)</sup>	\$1.50 per CFM Reduced
MA106	Process Ventilation Reduction (Heating Season Fan Savings) <sup>†† (2)</sup>	\$0.15 per CFM Reduced
MA107		\$175.00 per HP Reduced
MA108	Decreasing Oven Exhaust Flow Rate (NG Heat) (200°F to 600°F) <sup>(3)</sup>	\$0.75 per CFM Reduced
MA109	Decreasing Oven Exhaust Flow Rate (NG Heat) (601°F to 1200°F) <sup>(3)</sup>	\$1.25 per CFM Reduced
MA110	Decreasing Oven Exhaust Flow Rate (Electric Heat) (200°F to 600°F) <sup>(2)</sup>	\$20.00 per CFM Reduced
MA111	Decreasing Oven Exhaust Flow Rate (Electric Heat) (601°F to 1200°F) <sup>(2)</sup>	\$30.00 per CFM Reduced

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

†† Pick MA106 or MA107 per facility.

■ Means equipment may qualify for New Construction.

Process Energy Recovery <sup>(3,4)</sup>			Incentive
MA112a	Retrofit RTO (Recuperative or Regenerative Thermal Oxidizers)	2 Shift	\$75.00 per CFM
MA112b		3 Shift	\$100.00 per CFM
MA113a	New Construction RTO (Regenerative Thermal Oxidizers only)	2 Shift	\$20.00 per CFM
MA113b		3 Shift	\$25.00 per CFM

Miscellaneous Industrial Electric <sup>(2,4)</sup>			Incentive
MA114a	Smart Battery Charging Stations [New or Replacement 3-Phase High Frequency Battery Chargers for Electric Vehicles (e.g. forklift, 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 Molders and Extruders		\$100.00 per Ft <sup>2</sup>
MA116	Inverter Welding Machines		\$500.00 per Welder

Process Waste Heat Recovery for 100% Outside Air MAU <sup>(3,4)</sup>			Incentive
MA201a	Process Waste Heat Recovery System for Direct-fired 100% Outside Air MAU *	2 Shift	\$0.60 CFM Reduced
MA201b		3 Shift	\$1.00 CFM Reduced
MA202a	Process Waste Heat Recovery System for Indirect-fired 100% Outside Air MAU *	2 Shift	\$0.70 CFM Reduced
MA202b		3 Shift	\$1.25 CFM Reduced

## HVAC Equipment

Air Conditioning <sup>(2)</sup>		Incentive
HV101	Split and Unitary (e.g. RTU) Air Conditioning Systems (including Heat Pumps)	Up to \$40.00 per Ton
HV102	High-Efficiency Data Center, Telecom or Computer Room Air Conditioning Systems (CRAC) (air, water, or glycol cooled, post-retrofit equipment class 1 - 3) <sup>(4,6)</sup>	\$20.00 per MBH
HV103	Data Room Hot/Cold Aisle Configuration Air Conditioning Systems (CRAC) (air, water, or glycol cooled, pre-retrofit equipment class 1 - 2) <sup>(4,6)</sup>	Up to \$20.00 per MBH
HV104	Packaged Terminal Air Conditioners (PTAC)	Up to \$70.00 per Unit
HV105	Packaged Terminal Heat Pumps (PTHP)	Up to \$35.00 per Unit
HV106	Ductless Air Conditioning or Air-Source Heat Pump Systems	\$50.00 per unit

Ground-Loop Heat Pump <sup>(2)</sup>		Incentive
HV201	Ground-Loop Heat Pumps (GLHP) [< 135 MBH (11.25 tons)]	\$30.00(+) per Ton

Humidification <sup>(2,4)</sup>		Incentive
HV202	Ultrasonic Humidifiers	\$0.10 per Ft <sup>2</sup>

\* Measure may be eligible for New Construction applications if waste heat recovery is not required by code (consult Incentive Catalog and ASHRAE 90.1-2013).

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

(6) Operating Return Air Temperature Equipment Class:

a. Class 1 - Temperature ≤ 75°F

b. Class 2 - Temperature > 75°F to ≤ 85°F

c. Class 3 - Temperature > 85°F to ≤ 95°F

Means equipment may qualify for New Construction.

High-Efficiency Air- and Water-Cooled Chillers <sup>(2)</sup>			Incentive
HV203	Air-Cooled Chillers		\$7.00(+) per Ton
HV204	Water-Cooled Chillers	Positive Displacement (Screw)	\$10.00(+) per Ton
HV205		Centrifugal	\$10.00(+) per Ton

Industrial Fans <sup>(4)</sup>		Incentive
HV301	High-Volume, Low-Speed Fans <sup>(2)</sup>	\$400.00 per Fan
HV302	Destratification Fans (Temperature Gradient > 15°F) <sup>(3)</sup>	\$0.20 per Ft <sup>2</sup>

HVAC and Process Boilers - Hydronic and Steam <sup>(3)</sup>		Incentive
HV303	HVAC Hydronic Boilers - Level 1 (88% to 89.9% Efficiency)	\$1.50 per MBH
HV304	HVAC Hydronic Boilers - Level 2 (at least 90% Efficiency)	\$2.00 per MBH
HV305	Process Steam Boilers (at Least 82% Efficiency)	\$1.25 per MBH
HV306	HVAC Steam Boilers (> 300 MBH) (at Least 82% Efficiency)	\$2.00 per MBH
HV307	Process Hydronic Boilers (at Least 82% Efficiency)	\$1.20 per MBH
HV308	High-Efficiency Pool Water Heaters (at Least 84% Efficiency)	\$2.00 per MBH

Space Heating Units <sup>(3)</sup>		Incentive
HV309	High-Efficiency Unit Heaters (92% to 94.9% AFUE)	\$3.99 per MBH
HV310	High-Efficiency Unit Heaters (at Least 95% AFUE)	\$7.91 per MBH
HV311	Direct-Fired Makeup Air Handling Units	\$1.50 per MBH
HV312	High-Efficiency Rooftop Units (at least 92% AFUE)	\$25.00 per MBH
HV313	Infrared Heaters (EG) <sup>(1,4)</sup>	\$9.00 per MBH
HV314	Infrared Heaters (GO) <sup>(4)</sup>	\$5.00 per MBH

Furnaces <sup>(3)</sup>		Incentive
HV315	High Efficiency Furnaces (< 120 MBH, 92% to 94.9% AFUE)	\$300.00 per Furnace
HV316	High Efficiency Furnaces (> 120 MBH, 92% to 94.9% AFUE)	\$350.00 per Furnace
HV317	High Efficiency Furnaces (< 120 MBH, at least 95% AFUE)	\$325.00 per Furnace
HV318	High Efficiency Furnaces (> 120 MBH, at least 95% AFUE)	\$400.00 per Furnace

Domestic Water Heating		Incentive
HV401	High-Efficiency Domestic Water Heating Boilers (> 75 MBH, ≥ 94% Thermal Efficiency) <sup>(3)</sup>	\$1.50 per MBH
HV402	High-Efficiency Tank Style Domestic Water Heaters (DWH) (a = ≤ 55 Gallons, ≤ 75MBH, 0.64 to 0.679 Uniform Energy Factor) <sup>(3)</sup> (b = ≤ 55 Gallons, ≤ 75MBH, ≥ 0.68 Uniform Energy Factor) <sup>(3)</sup> (c = > 55 Gallons, ≤ 75MBH, ≥ 0.80 Uniform Energy Factor) <sup>(3)</sup>	a = \$60.00 per DWH b = \$150.00 per DWH c = \$50.00 per DWH

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

Domestic Water Heating		Incentive
HV403	High-Efficiency Tank Style Domestic Water Heaters (DWH) ( $< 140$ Gallons, $> 75$ MBH, $\geq 94\%$ Thermal Efficiency) <sup>(3)</sup>	\$275.00 per DWH
HV404	High-Efficiency Tankless Domestic Water Heaters (DWH) a = Natural Gas ( $\geq 0.87$ Uniform Energy Factor) <sup>(3)</sup> b = Electric ( $\geq 0.95$ Uniform Energy Factor) <sup>(2)</sup>	a = \$150.00 per DWH b = \$50.00 per DWH

## Building Automation Systems

HVAC System Automation <sup>(4)</sup>		Incentive
BA101	Web Based Building Automation Systems (BAS) (Temperature Setback in Non-Occupied Periods) <sup>(2)</sup>	\$0.15 per Ft <sup>2</sup>
BA102	Light Commercial Building Automation Systems (BAS) (Temperature Setback in Non-Occupied Periods) <sup>(2)</sup>	\$0.15 per Ft <sup>2</sup>
BA103	Optimal Start on Air Handling Units <sup>(1,2 or 3)</sup>	Up to \$0.30 per Ft <sup>2</sup>
BA104	BAS for Manufacturing HVAC Fans <sup>(2)</sup>	\$150.00 per HP
BA105	Parking Garage Exhaust Fan Carbon Monoxide (CO) Control <sup>(2)</sup>	\$300.00 per HP
BA106	Hydronic HVAC Pump Control <sup>(2)</sup>	\$80.00 per HP
BA107	Critical Zone Supply Air Reset Control <sup>(2)</sup>	\$25.00 per Ton
BA108	Air-Side Economizer <sup>(2)</sup>	\$15.00 per Ton

Chilled Water Plant Controls <sup>(2,4)</sup>		Incentive
BA109a	Chilled Water Reset Control Strategy (5°F Reset)	\$15.00 per Ton
BA109b	Chilled Water Reset Control Strategy (10°F Reset)	\$30.00 per Ton
BA110	Optimized Chiller Plant Sequencing	\$4.00 per Ton

Advanced Single Zone Packaged HVAC Unit (e.g. RTU) Controls <sup>(4)</sup>		Incentive
BA111	Enhanced Ventilation Control <sup>(1,2 or 3)</sup>	Up to \$100.00 per Ton

Unitary HVAC Controls <sup>(4)</sup>		Incentive
BA201	Hotel Guest Room Occupancy Sensors <sup>(2 or 3)</sup>	\$80.00 per Room Controlled
BA202	Programmable Thermostats <sup>(1,2 or 3)</sup>	Up to \$48.00 per Thermostat
BA203	Occupancy Sensor Control for Smart Thermostat <sup>(1,2 or 3)</sup>	Up to \$0.04 per Ft <sup>2</sup>

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

Ventilation Controls <sup>(4)</sup>		Incentive
BA204	Demand Control Ventilation for HVAC System <sup>(3)</sup>	Up to \$0.10 per Ft <sup>2</sup>
BA205	Occupancy Sensor Control for HVAC System <sup>(1,2 or 3)</sup>	Up to \$0.08 per Ft <sup>2</sup>
BA206	Demand Control Ventilation and Occupancy Sensor Control for HVAC System <sup>(1,2 or 3)</sup>	Up to \$0.30 per Ft <sup>2</sup>
BA207	Occupancy Sensor Controlled Restroom Exhaust Fans <sup>(2)</sup>	\$10.00 per Fan

Boiler Controls <sup>(3,4)</sup>		Incentive
BA301	Optimized Boiler Plant Sequencing	Up to \$1.00 per MBH
BA302	Modulating Burner Control *	Up to \$1.25 per MBH
BA303	Oxygen Trim Burner Control *	Up to \$0.75 per MBH
BA304	Linkageless (Parallel Positioning) Burner Controls *†	Up to \$0.75 per MBH
BA305	Combination Boiler Oxygen Trim and Linkageless Burner Controls *	Up to \$1.00 per MBH
BA306	Outdoor Reset Control Retrofit	\$0.70 per MBH
BA307	Basic Snow/Ice Melt Controls	\$0.50 per Ft <sup>2</sup>
BA308	Enhanced Snow/Ice Melt Controls	\$0.60 per Ft <sup>2</sup>

Makeup Air Handling Unit Burner Controls <sup>(3,4)</sup>		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 and ≤ 100 hrs./week Operation)	\$1.00 per MBH

## Advanced Air Distribution and Energy Recovery

Advanced Air Distribution Systems <sup>(4)</sup>		Incentive
AE101	Constant Volume AHU to VAV AHU with Hydronic Reheat <sup>(1,2 or 3)</sup>	Up to \$1.25 per Ft <sup>2</sup>

HVAC Energy Recovery <sup>(3,4)</sup>		Incentive
AE102	Enthalpy Wheel Energy Recovery Units **	\$0.40 per CFM
AE103	Fixed-Plate Air-to-Air Energy Recovery Units **	\$0.35 per CFM
AE104	Dust Collector Exhaust Air Energy Recovery **	\$1.50 per CFM

\* Not eligible on new condensing boilers.

\*\* Measure may be eligible for New Construction applications if energy recovery is not required by code (consult Incentive Catalog and ASHRAE 90.1-2013).

† Only process boilers qualify for New Construction.

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

<b>Boiler Efficiency Improvements <sup>(3,4)</sup></b>		<b>Incentive</b>
AE105	HVAC Boiler Stack Economizer	Up to \$1.00 per MBH
AE106	Process Boiler Stack Economizer	Up to \$1.50 per MBH
AE107	Waste Heat Recovery for Steam Boiler Makeup, Domestic and Process Water Heating	\$10.00 per MMBtu/yr.
AE108	Automatic Boiler Blowdown Reduction	\$0.02 Gal/yr. Reduced

<b>Grocery Store Refrigeration Equipment Condenser Waste Heat Recovery <sup>(3,4)</sup></b>		<b>Incentive</b>
AE109	Grocery Store Refrigeration Equipment Condenser WH Recovery (Decreasing Domestic Water Heating Load)	\$200.00 per Ton
AE110	Grocery Store Refrigeration Equipment Condenser WH Recovery (Decreasing Space Heating Load)	\$125.00 per Ton

<b>Data Center, Telecom or Computer Room Air Conditioning System (CRAC) Air-Side Economizer <sup>(2,4)</sup></b>		<b>Incentive</b>
AE201	Glycol Economizer (equipment class 1 – 3) <sup>(6)</sup>	\$60.00 per MBH
AE202	Fresh Air Economizer (equipment class 1 – 3) <sup>(6)</sup>	\$60.00 per MBH
AE203	Pumped Refrigerant Economizer (equipment class 1 – 3) <sup>(6)</sup>	\$60.00 per MBH
AE204	Air to Air Heat Exchanger Economizer (equipment class 1 – 3) <sup>(6)</sup>	\$30.00 per MBH

<b>Water-Side Economizer <sup>(2,4)</sup></b>		<b>Incentive</b>
AE205	Water-Cooled Chiller *	\$60.00 per Ton
AE206	Air-Cooled Chiller *	\$150.00 per Ton

<b>HVAC or Process Equipment Condenser Waste Heat Recovery <sup>(4)</sup></b>		<b>Incentive</b>
AE207	Water-Cooled Condenser <sup>++ (2 or 3)</sup>	Up to \$400.00 per Ton
AE209		
AE208	Air-Cooled Condenser <sup>++ (2 or 3)</sup>	Up to \$500.00 per Ton
AE210		

<b>Operating Room Air Changes per Hour (ACH) Setback <sup>(4)</sup></b>		<b>Incentive</b>
AE211	Operating Room with at Least 20% Outside Air <sup>(1, 2 or 3)</sup>	Up to \$2.00 Ft <sup>2</sup>
AE212	Operating Room with 100% Outside Air <sup>(1, 2 or 3)</sup>	Up to \$3.00 Ft <sup>2</sup>

\* Only chillers utilized for industrial process cooling or refrigerated warehouse refrigeration systems qualify for New Construction.

++ Peak chiller plant load must be less than 400 tons to qualify for New Construction.

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

(6) Operating Return Temperature Equipment Class:

a. Class 1 - Temperature ≤ 75°F

b. Class 2 - Temperature > 75°F to ≤ 85°F

c. Class 3 - Temperature > 85°F to ≤ 95°F

Means equipment may qualify for New Construction.

# Laboratory

Laboratory <sup>(4)</sup>		Incentive
LB101	Automatic VAV Fume Hood Sash Closure System <sup>(1, 2 or 3)</sup>	Up to \$100.00 per Linear Ft of Sash
LB102	Reduced/Optimized Air Changes per Hour (ACH) <sup>(1, 2 or 3)</sup>	Up to \$2.75 per CFM Reduced
LB103	VAV Fume Hood Sash Stops <sup>(2)</sup>	\$35.00 per Linear Ft of Sash
LB104	Fume Hood Ventilation Reduction (Based on Sash Location) <sup>(1, 2 or 3)</sup>	Up to \$1.40 per CFM Reduced
LB105	VAV Fume Hood Occupancy Sensor Control <sup>(1, 2 or 3)</sup>	Up to \$60.00 per Linear Ft of Sash
LB106	Low-Flow VAV Fume Hood <sup>(1, 2 or 3)</sup>	Up to \$60.00 per Linear Ft of Sash

# Tune-Up/Maintenance

Tune-Up/Repair			Incentive
TU101	Space Heating Boiler Tune-Up (Minimum 110 MBH) <sup>(3)</sup>		Up to \$350.00 per Boiler
TU102	Process Boiler Tune-Up (Minimum 300 MBH) <sup>(3)</sup>		Up to \$2,000.00 per Boiler
TU103	Process Burner Tune-Up (Minimum 300 MBH) <sup>(3)</sup>		Up to \$500.00 per Burner
TU104	Pool and Spa Boiler Tune-Up (Minimum 300 MBH) <sup>(3)</sup>		Up to \$250.00 per Boiler
TU105	Domestic Water Heating Boiler Tune-Up (Minimum 199 MBH) <sup>(3)</sup>		Up to \$350.00 per Boiler
TU106	Forced Air Furnace, Unit Heater or Rooftop Unit (RTU) (Minimum 40 MBH) <sup>(3)</sup>		Up to \$125.00 per Furnace
TU201a	Air- or Water-Cooled Chiller Tune-Up <sup>(2)</sup>	20 to 149 Tons	\$500.00 per Chiller
TU201b		150 to 999 Tons	\$1,250.00 per Chiller
TU201c		1,000 Tons or Greater	\$7,500.00 per Chiller
TU202	Steam Trap Monitoring System - Space Heat <sup>(3)</sup>		\$60.00 per Trap
TU203	Steam Trap Monitoring System - Process <sup>(3)</sup>		\$80.00 per Trap
TU204a	New Outdoor Air Damper Assembly <sup>(3,4)</sup>		\$0.03 per CFM Total Supply
TU204b	Repair Outdoor Air Damper (i.e. Change Damper Seals) <sup>(3,4)</sup>		\$0.01 per CFM Total Supply
TU205	Steam Trap Repair or Replacement <sup>(3,7)</sup>		\$175.00 per failed-open trap

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

(7) Pre-notification is required if estimated Incentive is greater than \$5,000.

■ Means equipment may qualify for New Construction.



# Refrigeration, Laundry and Kitchen

Refrigeration Compressors <sup>(2,4)</sup>		Incentive
RL101	Walk-in Cooler or Freezer Discus Compressors	\$20.00 per Ton
RL102	Walk-in Cooler or Freezer Scroll Compressors	\$40.00 per Ton
RL103	Refrigeration Condenser Floating Head Pressure Controls *	Up to \$150.00 per Ton
RL104	Walk-in Cooler Air-Side Economizers (> 1,000 ft <sup>3</sup> ) (33° to 50°F)	\$30.00 per Ton
RL105	Refrigerated Space LED Lighting (Refrigeration Savings) <sup>(8)</sup>	\$0.20 per Watt Reduced
RL106		\$0.13 per Watt Reduced
RL107		\$0.08 per Watt Reduced

Refrigeration Controls <sup>(2,4)</sup>			Incentive
RL108	Case Cooler or Freezer Anti-Sweat Heater Controls		\$75.00 per Door
RL109	Walk-in Cooler or Freezer Defrost Controls		\$20.00 per Ton
RL110	Walk-in Cooler or Freezer Evaporator Fan Speed Controls		Up to \$130.00 per Controller
RL111	Evaporator Fan Controls with Demand Defrost	Walk-in Cooler (33° to 50°F)	\$5.50 per Ton
RL112		Walk-in Freezer (≤ 32°F)	\$45.00 per Ton

Refrigeration Evaporator Fan Motors <sup>(2,4)</sup>		Incentive
RL113	Case Cooler or Freezer Evaporator Fan Electronically Commutated Motors (ECM)	\$90.00 per Motor
RL114	Walk-in Cooler or Freezer Evaporator Fan Electronically Commutated Motors (ECM)	\$150.00 per Motor
RL115	Walk-in Cooler or Freezer Evaporator Fan/Motor Assembly Reduction	\$250.00 per Motor Removed

Refrigerated Case LED Lighting <sup>(2)</sup>		Incentive
RL116	LED Lighting for Case Cooler or Freezer <sup>(4)</sup>	\$10.00 per Linear Ft of Lamp
RL117	Occupancy Sensors for Case Cooler or Freezer LED Lighting	\$20.00 per Door

\* Measure may be eligible for New Construction applications if floating head pressure control is not required by code (consult ASHRAE 90.1-2013).

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

(8) Must be combined with a qualifying lighting retrofit incentive project.

■ Means equipment may qualify for New Construction.

Permanent Magnet Synchronous Motors <sup>(2)</sup>		Incentive
RL201	Medium Temp. Case, Replacing Shaded Pole Motor (33° to 50°F)	\$45.00 per Motor
RL202	Low Temp. Case, Replacing Shaded Pole Motor ( $\leq 32^{\circ}\text{F}$ )	\$55.00 per Motor
RL203	Medium Temp. Walk-in, Replacing Shaded Pole Motor (33° to 50°F)	\$110.00 per Motor
RL204	Low Temp. Walk-in, Replacing Shaded Pole Motor ( $\leq 32^{\circ}\text{F}$ )	\$130.00 per Motor
RL205	Medium Temp. Walk-in, Replacing Permanent Split Capacitor Motor	\$35.00 per Motor
RL206	Low Temp. Walk-in, Replacing Permanent Split Capacitor Motor	\$45.00 per Motor

Reach-In Refrigerated Case Doors <sup>(4)</sup>		Incentive
RL207	Low or No Heat Case Cooler or Freezer Doors <sup>(2,4)</sup>	Up to \$200.00 per Door
RL208	Adding Case Cooler Doors (33°F to 50°F) <sup>(1,2 or 3)</sup>	Up to \$100.00 per Linear Ft
RL209	Adding Case Freezer Doors (0°F to 32°F) <sup>(1,2 or 3)</sup>	Up to \$150.00 per Linear Ft

Refrigeration Insulation and Envelope <sup>(2, 4)</sup>		Incentive
RL210	Open Case Cooler or Freezer Night Covers	\$20.00 per Linear Ft
RL211	Walk-in Cooler Strip Curtains (40°F)	\$8.00 per Ft <sup>2</sup>
RL212	Walk-in Freezer Strip Curtains (0°F)	\$25.00 per Ft <sup>2</sup>
RL213	Walk-in Cooler or Freezer Door Gasket Seals	\$5.00 per Linear Ft
RL214	Automatic High-Speed Doors	Up to \$150.00 per Ft <sup>2</sup>

Integrated Variable Speed Motors (e.g. ECM) <sup>(2)</sup>		Incentive
RL215	Integrated Variable Speed Motor (e.g. ECM) on Grocery Store Refrigeration System Exterior Condenser Fans	\$30.00 per HP

Laundry <sup>(3,4)</sup>		Incentive
RL301	Laundry Ozone-Generation System (Natural Gas Water Heater)	\$40.00 per Pound

Commercial Clothes Washers (ENERGY STAR®)		Incentive
RL302	Clothes Washers (Natural Gas Water Heater) <sup>(3)</sup>	\$20.00 per Washer
RL303	Clothes Washers (Electric Water Heater) <sup>(2)</sup>	\$70.00 per Washer

Commercial Kitchen Ventilation Control <sup>(3,4)</sup>		Incentive
RL304	Commercial Kitchen Ventilation Controls	\$0.50 per CFM
RL305	Engineered Commercial Kitchen Ventilation Hoods	\$1.00 per CFM
RL306	Restaurant Demand Control Ventilation (Dining Room Only)	\$0.10 per SQ FT

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

<b>Dishwashers (ENERGY STAR®) <sup>(3)</sup></b>		<b>Incentive</b>
RL307	Commercial Dishwashers	\$250.00 per Unit
RL308	Under Counter Dishwashers	\$50.00 per Unit

## Building Envelope and Insulation

<b>Wall Insulation <sup>(3,4 and natural gas heat)</sup></b>		<b>Incentive</b>
BE101	Wall Insulation	\$0.60 per Ft <sup>2</sup>

<b>Roof Insulation <sup>(3,4 and natural gas heat)</sup></b>		<b>Incentive</b>
BE102	Flat Roof Insulation	Up to \$0.16 per Ft <sup>2</sup>
BE103	Attic Roof Insulation	\$0.30 per Ft <sup>2</sup>

<b>Envelope <sup>(4)</sup></b>		<b>Incentive</b>
BE104	Window Reduction <sup>(3)</sup>	\$0.75 per Ft <sup>2</sup>
BE105	High-Efficiency Window Film <sup>(2)</sup>	\$0.40 per Ft <sup>2</sup>
BE106	Window Awnings <sup>(2)</sup>	\$0.25 per Ft <sup>2</sup>
BE107	High Performance Window Glazing <sup>(2)</sup>	\$0.25 per Ft <sup>2</sup>
BE108	Cool (White) Roof <sup>(2)</sup>	\$0.02 per Ft <sup>2</sup>

<b>Automatic High-Speed Doors <sup>(2)</sup></b>		<b>Incentive</b>
BE109	Automatic High Speed Doors for Building Exterior	\$0.50 per Ft <sup>2</sup>

<b>Pool Covers <sup>(3)</sup></b>		<b>Incentive</b>
BE110	Automatic Pool Covers	Up to \$9,600.00 per Cover
BE111	Manual Pool Covers	Up to \$4,800.00 per Cover

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

■ Means equipment may qualify for New Construction.

# Pipe and Ductwork Insulation

Pipe Insulation - Natural Gas Heating <sup>(3,4)</sup>		Incentive
IN101	Steam Space Heating Supply Piping(Unconditioned Space)	\$6.00 per Linear Ft
IN102	Steam Space Heating Condensate Piping (Conditioned or Unconditioned Space)	\$3.00 per Linear Ft
IN103	Hydronic Space Heating Piping (Unconditioned Space)	\$4.00 per Linear Ft
IN104	Domestic Hot Water Piping (Unconditioned or Conditioned Space)	Up to \$2.00 per Linear Ft
IN105	Process Steam Supply Piping (Unconditioned or Conditioned Space) <sup>(1 or 3)</sup>	Up to \$3.00 per Linear Ft
IN106	Process Steam Condensate Piping (Unconditioned or Conditioned Space)	Up to \$3.00 per Linear Ft

PEX Pipe Insulation – Natural Gas Space and DW Heating <sup>(3,4)</sup>		Incentive
IN107	Domestic Hot Water (Unconditioned Space)	\$2.00 per Linear Ft
IN108	Hydronic Space Heating (Unconditioned Space)	\$3.00 per Linear Ft
IN109	Domestic Hot Water (Conditioned Space)	\$1.00 per Linear Ft

Pipe Insulation - Electric Domestic Water Heating <sup>(2,4)</sup>		Incentive
IN110a	Domestic Hot Water (Unconditioned Space)	\$1.00 per Linear Ft
IN110b	Domestic Hot Water (Conditioned Space)	\$0.50 per Linear Ft

Pipe Insulation - DX Suction Refrigerant <sup>(2,4)</sup>		Incentive
IN111	Data Center (Conditioned Space)	\$0.20 per Linear Ft
IN112	Mid Temperature Refrigeration (Unconditioned or Conditioned Space)	Up to \$0.75 per Linear Ft
IN113	Low Temperature Refrigeration (Unconditioned or Conditioned Space)	\$3.00 per Linear Ft

Ductwork Insulation - Natural Gas Heating <sup>(3,4)</sup>		Incentive
IN114	Supply or Return Air Ductwork Insulation (Unconditioned Space)	Up to \$3.00 per Ft <sup>2</sup>
IN115		
IN116	Supply or Return Air Ductwork Insulation (Exterior Space)	Up to \$3.00 per Ft <sup>2</sup>
IN117		

(1) Must be a Consumers Energy electric and natural gas customer to receive the higher incentive.

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

# Agricultural

Both Commercial and Residential business owners qualify for these measures

Farm Energy Audit and Grain		Incentive
AG101	Farm Energy Audit as Defined by USDA (Type 2) <sup>(2,3 or both)</sup>	\$1,500.00 per Farm
AG102	New Grain Dryers <sup>(3,4)</sup>	\$0.04 per Bushels/yr.
AG103	Retrofit Grain Dryers <sup>(3,4)</sup>	\$0.03 per Bushels/yr.
AG104	Temperature/Moisture Management Controllers <sup>(2,4)</sup>	\$50.00 per HP

Greenhouse <sup>(3,4)</sup>		Incentive
AG105	Heat Curtains	\$0.25 per Ft <sup>2</sup>
AG106	Infrared Film Replacing a Single Layer Roof with a Double Layer	Up to \$0.50 per Ft <sup>2</sup>
AG107	Infrared Film Replacing a Double Layer Roof with a Double Layer	Up to \$0.15 per Ft <sup>2</sup>
AG108	Environmental Controls	\$0.25 per Ft <sup>2</sup>
AG109	Floor or Bench Heating Systems (Without Heat Curtains)	\$0.50 per Ft <sup>2</sup>
AG110	Floor or Bench Heating Systems (With Heat Curtains)	\$0.25 per Ft <sup>2</sup>

Ventilation <sup>(2,4)</sup>		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 Controllers (> 0.5 HP Fan Motors)	\$190.00 per HP

Irrigation <sup>(2,4)</sup>		Incentive
AG114	VSD on Agricultural Irrigation System Pumps	\$40.00 per HP
AG115	VSD on Golf Course Irrigation System Pumps	\$40.00 per HP
AG116	Micro (Drip) Irrigation Systems	\$50.00 per Acre
AG117	Low-Pressure or Zero Energy Sprinkler Nozzles	\$0.50 per Nozzle
AG118	Low- or Zero-Energy Livestock Waterers	\$125.00 per Unit

Dairy <sup>(2,4)</sup>		Incentive
AG201	Scroll Compressors for Dairy Refrigeration with Heat Exchanger (EER 10.5 to 11.49)	\$0.08 per lb. Milk/day
AG202	Scroll Compressors for Dairy Refrigeration without Heat Exchanger (EER 10.5 to 11.49)	\$0.04 per lb. Milk/day
AG203	Scroll Compressors sfor Dairy Refrigeration with Heat Exchanger (EER ≥ 11.5)	\$0.08 per lb. Milk/day
AG204	Scroll Compressors for Dairy Refrigeration without Heat Exchanger (EER ≥ 11.5)	\$0.04 per lb. Milk/day

(2) Only Consumers Energy electric customers are eligible, unless otherwise noted.

(3) Only Consumers Energy natural gas customers are eligible, unless otherwise noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

<b>Dairy <sup>(2)</sup></b>		<b>Incentive</b>
AG205	Variable Speed Drive on Vacuum Pumps <sup>(4)</sup>	\$100.00 per HP
AG206	Variable Speed Drive on Milk Pumps with Existing Milk Pre-Cooler <sup>(4)</sup>	\$0.10 per lb. Milk/day
AG207	Variable Speed Drive on Milk Pumps with New Milk Pre-Cooler <sup>(4)</sup>	\$0.14 per lb. Milk/day
AG208	Milk Pre-Coolers (Chiller Savings) <sup>(4)</sup>	\$0.20 per lb. Milk/day
AG209	Milk Pre-Coolers (Chiller plus Water Heating Savings) (Heat Recovery Tank) <sup>(4 and 2 or 3)</sup>	Up to \$0.30 per lb. Milk/day
AG210	Dairy Refrigeration Tune-Up	\$0.04 per lb. Milk/day

<b>LED Lighting Systems <sup>(2,4)</sup></b>		<b>Incentive</b>
AG211a	LED Grow Lights < 6570 Annual Hours (Retrofit Only)	\$0.70 per Watt Reduced
AG211b	LED Grow Lights ≥ 6570 Annual Hours (Retrofit Only)	\$1.00 per Watt Reduced
AG211c	LED Grow Lights < 6570 Annual Hours (New Construction only)	\$0.70 per Watt Reduced
AG211d	LED Grow Lights ≥ 6570 Annual Hours (New Construction only)	\$1.00 per Watt Reduced
AG212	Dairy Long Day Lighting Systems (Interior LED Lighting)	\$0.70 per Watt Reduced
AG213	Poultry LED Lighting Systems	\$0.70 per Watt Reduced

<b>Indoor Agriculture <sup>(2,4)</sup></b>		<b>Incentive</b>
AG214	Indoor Agriculture Dehumidification Units (> 155 pints/day)*	\$3.50 per Pint/day
AG215	Indoor Agriculture Grow Room LED Lighting HVAC Savings*†	\$0.15 per Watt Reduced

<b>Integrated Variable Speed Motor (e.g. ECM) <sup>(2,4)</sup></b>		<b>Incentive</b>
AG301	ECM for Cold Storage AHU or Evaporator Fans	\$100.00 per HP

<b>Swine Heating <sup>(2,4)</sup></b>		<b>Incentive</b>
AG302	Heating Mats for Swine Farrowing Crates - Single Mats	\$50.00 per Heating Mat
AG303	Heating Mats for Swine Farrowing Crates - Double Mats	\$100.00 per Heating Mat

<b>Miscellaneous Variable Frequency Drives <sup>(2,4)</sup></b>		<b>Incentive</b>
AG304	VFD on Agricultural Fans (Operating 750 hrs./yr. to 2,000 hrs./yr.)	\$60.00 per HP
AG305	VFD on Agricultural Fans (Operating more than 2,000 hrs./yr.)	\$80.00 per HP
AG306	VFD on Agricultural Pumps (Operating 750 hrs./yr. to 2,000 hrs./yr.)	\$40.00 per HP
AG307	VFD on Agricultural Pumps (Operating more than 2,000 hrs./yr.)	\$50.00 per HP

\* Only indoor grow rooms that operate year-round are eligible for this measure.

† Must utilize mechanical cooling and combine with AG211a, AG211b, AG211c or AG211d.

(2) Only Consumers Energy electric customers are eligible, unless noted.

(3) Only Consumers Energy natural gas customers are eligible, unless noted.

(4) Pre-notification is required.

■ Means equipment may qualify for New Construction.

**Need help?**

**Call 877-607-0737**

**or Email:**

**[ConsumersEnergyBusinessSolutions@cmsenergy.com](mailto:ConsumersEnergyBusinessSolutions@cmsenergy.com)**

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



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