

# 2020 Incentive Guide



## Consumers Energy Business Energy Efficiency Programs

**Consumers Energy**

Count on Us®

**Have you asked for your rebate?**

**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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# 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, up to \$500,000 each year, with an additional 50% of calculated rebates above \$500,000. You'll receive \$0.10 per kWh of electricity, up to \$2 million across all facilities per customer at 50% of the total project cost.

## 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

Linear LED Tube Lights UL Type A, B, C or Dual Mode <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 Lamp Removal <sup>(2,4)</sup>		Incentive
LT127	T8 or T12 2-Ft or 3-Ft Lamp Removal (Combined with LED Tube Light Retrofit)	\$1.50 per Lamp Removed
LT128	T8 or T12 4-Ft Lamp Removal (Combined with LED Tube Light Retrofit)	\$5.00 per Lamp Removed
LT129	T8 or T12 8-Ft Lamp Removal (Combined with LED Tube Light Retrofit)	\$12.00 per Lamp Removed

Lighting New/Retrofit Fixtures <sup>(2,4)</sup>		Incentive
LT201	Exterior LED Lighting	\$0.25 per Watt Reduced
LT202	Parking Garage LED Lighting	\$0.60 per Watt Reduced

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

(4) Pre-notification is required.

Lighting New/Retrofit Fixtures <sup>(2,4)</sup>		Incentive
LT203	Interior LED Lighting (High Bay $\geq$ 15-Ft)	\$0.30 per Watt Reduced
LT204	Interior LED Lighting (High Bay $\geq$ 15-Ft) Continuous Operation	\$0.60 per Watt Reduced
LT205	Interior LED Lighting (Low Bay $<$ 15-Ft)	\$0.30 per Watt Reduced
LT206	Interior LED Lighting (Low Bay $<$ 15-Ft) Continuous Operation	\$0.60 per Watt Reduced
LT207	New Linear LED Tube Fixture (High Bay $\geq$ 15-Ft)	\$0.40 per Watt Reduced
LT208	New Linear LED Tube Fixture (High Bay $\geq$ 15-Ft) Continuous Operation	\$0.35 per Watt Reduced
LT209	New Linear LED Tube Fixture (Low Bay $<$ 15-Ft)	\$0.20 per Watt Reduced
LT210	LED Screw-in Replacing HID	\$0.15 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

Trim Kits		Incentive
LT301	Trim Kits	\$8.00 per Trim Kit

Non-Defined Lighting Measures <sup>(2,4)</sup>		Incentive
LT302	Lumens per Watt Improvement per Year *	\$0.09 per kWh
LT303	Energy Conservation Improvement per Year	\$0.05 per kWh

Lighting Power Density for New Construction Projects <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 <sup>†</sup>	\$0.08 per Watt Controlled
LC103	Interior Occupancy Sensor & Daylight Sensor Controls <sup>(4)</sup>	\$0.12 per Watt Controlled
LC104	Daylight Sensor Controls <sup>(4)</sup>	\$0.09 per Watt Controlled
LC105	Central 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 Multi-Step Dimming Occupancy Sensors <sup>(4)</sup>	\$0.09 per Watt Controlled
LC108	Exterior Lighting Occupancy Sensors <sup>(4)</sup>	\$0.15 per Watt Controlled
LC109	Exterior Multi-Step Dimming Timer Controls <sup>(4)</sup>	\$0.09 per Watt Controlled

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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

<b>Network Lighting Controls<sup>(2,4)</sup></b>		<b>Incentive</b>
LC110	Electric Tier 1	\$0.25 per kWh
LC111	Electric Tier 2	\$0.18 per kWh

## VFD

<b>HVAC Variable Frequency Drives<sup>(2)</sup></b>		<b>Incentive</b>
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 Ton
VF112	VFD on Condenser Fan - HVAC	\$50.00 per Ton of Load

<b>Process Variable Frequency Drives (Up to 250 HP)<sup>(2)</sup></b>		<b>Incentive</b>
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 Open Loop Pumping Systems 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

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(4) Pre-notification is required.

\*\* Pre-notification required for motors over 100 HP, Process Pumps and Fans greater than 50 HP.

■ Qualifies New Construction

Integrated Variable Speed Motor (ECM) for Fans and Pumps <sup>(2)</sup>		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

## Compressed Air

Compressed Air <sup>(2)</sup>		Incentive
CA101	VSD Air Compressor (50 HP to 500 HP) (Single Air Compressor System) Minimum 6,000 hrs./yr. operation <sup>(4)</sup>	\$150.00 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	VSD Retrofit Air Compressor (50 HP to 300 HP) (Single Air Compressor Systems) Minimum 6,000 hrs./yr. operation <sup>(4)</sup>	\$75.00 per HP
CA106	VSD Retrofit Air Compressor (50 HP to 300 HP) (Multiple Air Compressor Systems) Minimum 7,200 hrs./yr. operation <sup>(4)</sup>	\$100.00 per HP
CA107	VSD Air Compressor (Less than 50 HP) Minimum 6,000 hrs./yr. operation <sup>(4)</sup>	\$125.00 per HP
CA108	VSD Air Compressor (Less than 50 HP) Minimum 2,000 hrs./yr. operation <sup>(4)</sup>	\$75.00 per HP
CA109	Variable Displacement (VD) Air Compressor <sup>(4)</sup>	\$35.00 per HP
CA110	Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type) <sup>(4)</sup>	\$20.00 per HP
CA111	Refrigerated Cycling Thermal Mass Air Dryer <sup>(4)</sup>	\$1.00 per SCFM
CA112	Refrigerated Cycling Variable Speed Drive Air Dryer <sup>(4)</sup>	\$3.50 per SCFM
CA113	Refrigerated Cycling Digital Scroll Air Dryer <sup>(4)</sup>	\$3.00 per SCFM
CA114	Air Dryer, Desiccant to Refrigerated <sup>(4)</sup>	\$4.00 per SCFM
CA115	Heated Blower Purge Desiccant Compressed Air Dryer <sup>(4)</sup>	\$4.00 per SCFM
CA116	Compressed Air Desiccant Dryer, Dew point Sensor Control <sup>(4)</sup>	\$8.00 per SCFM
CA117	Heat of Compression Air Dryer <sup>(4)</sup>	\$6.50 per SCFM
CA118	Air Recycling Pneumatic Valve, ≥ 4,000,000 cycles per year	\$35.00 per Valve
CA119	Air Recycling Pneumatic Valve, ≥ 2,000,000 cycles per year	\$20.00 per Valve

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

(4) Pre-notification is required.

 Qualifies New Construction



<b>Compressed Air <sup>(2)</sup></b>		<b>Incentive</b>
CA120	Low-Pressure Drop Air Filter	\$7.50 per HP
CA121	Compressed Air Pressure Flow Controller <sup>(4)</sup>	\$10.00 per HP
CA122	Air Compressor Outdoor Air Intake	\$8.00 per HP
CA123	Air Compressor Waste Heat Recovery (Natural Gas Business Owners Only) <sup>(4)</sup>	\$50.00 per HP
CA124a	Compressed Air Storage Tank <sup>(4)</sup>	1 gal/CFM to 3 gal/CFM
CA124b		3 gal/CFM to 5 gal/CFM
CA124c		5 gal/CFM to 10 gal/CFM

<b>Correct Sizing Compressed Air <sup>(2,4)</sup></b>		<b>Incentive</b>
CA125	Correct Sizing Compressed Air (per HP Reduced)	\$95.00 per HP

<b>Compressed Air Energy Audit <sup>(2)</sup></b>		<b>Incentive</b>
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
CA205	Compressed Air Leak Repair	\$7.50 per HP
CA206	Compressed Air Leak repair with VSD	\$10.00 per HP

<b>Compressed Air <sup>(2)</sup></b>		<b>Incentive</b>
CA207	Zero Loss Condensate Drain	\$300.00 per Drain
CA208	Zero Loss Condensate Drain, Float Style	\$300.00 per Drain
CA209	Pressure Sensing Vortex Vacuum Generators	\$20.00 per CFM
CA210	Pneumatic Air Tools Replaced with Electric Tools <sup>(4)</sup>	\$100.00 per Tool
CA211	Pneumatic Air Tools Replaced with Electric Cordless Tools <sup>(4)</sup>	\$70.00 per Tool
CA212	Electric Motors Replacing Pneumatic Motors <sup>(4)</sup>	\$100.00 per HP
CA213	Compressed Air Applications Replaced with Air Blowers <sup>(4)</sup>	\$450.00 per HP (Air Blower)
CA214	Compressed Air Engineered Nozzle (at Least 1,000 hrs./yr.) <sup>(4)</sup>	\$150.00 per Unit

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■ Qualifies New Construction

## 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 Controllers	\$65.00 per Unit
ME104	Engine Block Heater Controls	\$100.00 per Heater
ME105	Drinking Water Cooling Miser	\$50.00 per Miser
ME106	Snack Vending Machine Miser	\$25.00 per Miser

Miscellaneous Electric <sup>(2)</sup>		Incentive
ME107	High Efficiency Hand Dryer	\$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

## Manufacturing

Industrial Process Improvement <sup>(2,4)</sup>		Incentive	
MA101a	High Efficiency Injection Mold Machines	All-Electric	\$30.00 per Metric Ton
MA101b		Hybrid	\$25.00 per Metric Ton
MA101c		VSD or Servo Hydraulic 1,000 lb./yr./ton	\$25.00 per Metric Ton
MA101d		VSD or Servo Hydraulic 600 lb./yr./ton	\$18.00 per Metric Ton
MA102	Fiber Laser Cutting Replacing CO <sub>2</sub> 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	

Process Ventilation Reduction <sup>(4)</sup>		Incentive
MA105	Process Heating Ventilation Reduction <sup>(3,4)</sup>	\$1.50 per CFM Reduced
MA106	Process Fan Ventilation Reduction <sup>††(2,4)</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>(3,4)</sup>	\$0.75 per CFM Reduced
MA109	Decreasing Oven Exhaust Flow Rate (NG Heat) (601°F to 1200°F) <sup>(3,4)</sup>	\$1.25 per CFM Reduced

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

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

(4) Pre-notification is required.

†† Pick one or the other per facility.

■ Qualifies New Construction

Process Ventilation Reduction <sup>(4)</sup>		Incentive
MA110	Decreasing Oven Exhaust Flow Rate (Electric Heat) (200°F to 600°F) <sup>(2,4)</sup>	\$20.00 per CFM Reduced
MA111	Decreasing Oven Exhaust Flow Rate (Electric Heat) (601°F to 1200°F) <sup>(2,4)</sup>	\$30.00 per CFM Reduced

Process Energy Recovery <sup>(3,4)</sup>		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

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)	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		\$100.00 per Ft <sup>2</sup>
MA116	Welder, Inverter Style		\$500.00 per Welder

Heat Recovery for 100% Makeup Air Heating <sup>(3,4)</sup>		Incentive	
MA117a	Replacement of Direct-Fired Equipment	2 Shift	\$0.60 CFM Reduced
MA117b		3 Shift	\$1.00 CFM Reduced
MA118a	Replacement of Indirect-Fired Equipment	2 Shift	\$0.70 CFM Reduced
MA118b		3 Shift	\$1.25 CFM Reduced

## HVAC Equipment

Air Conditioning <sup>(2)</sup>		Incentive
HV101	Split Air Conditioning Systems and Unitary Air Conditioning Systems (RTU's)	Up to \$40.00 per Ton
HV102	High-Efficiency Computer Room Air Conditioning	\$20.00 per MBH
HV103	Data Room Hot/Cold Aisle Configuration <sup>(4)</sup>	Up to \$20.00 per MBH
HV104	Packaged Terminal Air Conditioning (PTAC) or Heat Pump (PTHP)	Up to \$70.00 per Unit
HV105	Ductless Air Conditioning or Heat Pump System	\$50.00 per Unit

Humidification <sup>(2,4)</sup>		Incentive
HV106	Ultrasonic Humidifier	\$0.10 per Ft <sup>2</sup>

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■ Qualifies New Construction

Chillers <sup>(2)</sup>		Incentive	
HV201	Air-Cooled Chiller	\$7.00(+) per Ton	
HV202 (a-e)	Water-Cooled Chiller	Positive Displacement (Screw)	\$10.00(+) per Ton
HV203 (a-e)		Centrifugal	\$10.00(+) per Ton

Industrial Fans <sup>(4)</sup>		Incentive
HV204	High-Volume, Low-Speed Fan <sup>(2)</sup>	\$400.00 per Fan
HV205	Destratification Fan (Temperature Gradient > 15°F) <sup>(3)</sup>	\$0.20 per Ft <sup>2</sup>

Hydronic, Steam or Process Boilers <sup>(3)</sup>		Incentive
HV301	HVAC Boiler 88% to 89.9% Efficiency - Level 1	\$0.75 per MBH
HV302	HVAC Boiler at least 90% 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

Heating		Incentive
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	\$20.00 per MBH
HV311	Infrared Heaters <sup>(1,4)</sup>	\$7.00 per MBH
HV312	Infrared Heaters <sup>(3,4)</sup>	\$5.00 per MBH

Furnaces <sup>(3)</sup>		Incentive
HV313	High Efficiency Furnace ≤ 120 MBH, 92% AFUE	\$225.00 per Furnace
HV314	High Efficiency Furnace > 120 MBH, 92% AFUE	\$275.00 per Furnace
HV315	High Efficiency Furnace ≤ 120 MBH, 95% AFUE	\$270.00 per Furnace
HV316	High Efficiency Furnace > 120 MBH, 95% AFUE	\$350.00 per Furnace

Domestic Water Heating <sup>(3)</sup>		Incentive
HV401	High-Efficiency Domestic Water Heating Boilers (at Least 94% Thermal Efficiency) <sup>(3)</sup>	\$1.50 per MBH
HV402	High-Efficiency Tank Style Domestic Water Heater ≥ 55 Gallons	Up to \$150.00 per Heater

(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 stated.

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

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■ Qualifies New Construction

Domestic Water Heating <sup>(3)</sup>		Incentive
HV403	High-Efficiency Tank Style Domestic Water Heater ≤ 140 Gallons > 75 MBH, 94% Thermal Efficiency	\$275.00 per Heater
HV404	Tankless Water Heater <sup>(2,3)</sup>	Up to \$150.00 per Unit

## Building Automation Systems

Centralized Building Automation System (BAS) <sup>(4)</sup>		Incentive
BA101	Web Based Building Automation System (Temperature Setback in Non-Occupied Periods) <sup>(1,2,3)</sup>	Up to \$0.45 per Ft <sup>2</sup>
BA102	Light Commercial Building Automation System (BAS) (Temperature Setback in Non-Occupied Periods) <sup>(1,2,3)</sup>	Up to \$0.50 per Ft <sup>2</sup>
BA103	Optimal Start on Air Handling Units <sup>(1,2,3)</sup>	Up to \$0.15 per Ft <sup>2</sup>
BA104	BAS for Manufacturing HVAC Fans <sup>(2,4)</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>	\$20.00 per Ton
BA108	Air-Side Economizer <sup>(2)</sup>	\$15.00 per Ton

Chiller Controls <sup>(2,4)</sup>		Incentive
BA109a	Chilled Water Reset Retrofit (5°F Reset)	\$15.00 per Ton
BA109b	Chilled Water Reset Retrofit (10°F Reset)	\$100.00 per Ton
BA110	Optimized Chiller Plant Sequencing	\$4.00 per Ton

Advanced Rooftop HVAC Controls <sup>(4)</sup>		Incentive
BA111	Enhanced Ventilation Control <sup>(1,2,3)</sup>	Up to \$300.00 per Ton

Unitary Controls <sup>(4)</sup>		Incentive
BA201	Hotel Guest Room Occupancy Sensor <sup>(2,3)</sup>	\$80.00 per Room Controlled
BA202	Programmable Thermostat <sup>(1,2,3)</sup>	Up to \$48.00 per Thermostat
BA203	Web-Based Thermostats <sup>(1,2,3)</sup>	Up to \$135.00 per Thermostat
BA205	Occupancy Sensor Control for Smart Thermostats <sup>(1,2,3)</sup>	Up to \$0.04 per Ft <sup>2</sup>

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

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■ Qualifies New Construction

Ventilation Controls <sup>(4)</sup>		Incentive
BA206	Demand Control Ventilation <sup>(1,2,3)</sup>	Up to \$0.25 per Ft <sup>2</sup>
BA207	Occupancy Sensor Control for HVAC BAS Systems <sup>(1,2,3)</sup>	Up to \$0.08 per Ft <sup>2</sup>
BA208	Demand Control Ventilation and Occupancy Sensors for HVAC <sup>(1,2,3)</sup>	\$0.20 per Ft <sup>2</sup>
BA209	Occupancy Sensor Controlled Restroom Exhaust Fan (Electric Only)	\$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	Boiler Oxygen Trim Control*	Up to \$0.75 per MBH
BA304	Linkageless (Parallel Positioning) 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	\$0.50 per Ft <sup>2</sup>
BA308	Enhanced Snow 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 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>(1,2,3)</sup>	Up to \$0.70 per Ft <sup>2</sup>
AE102	Constant Volume AHU to Hydronic Heat Pump Loop <sup>(1,2,3)</sup>	Up to \$0.60 per Ft <sup>2</sup>

Energy Recovery <sup>(3,4)</sup>		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

\* Not eligible on new condensing boilers.

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■ Qualifies New Construction

<b>Boiler Efficiency Improvements <sup>(3,4)</sup></b>		<b>Incentive</b>
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

<b>Refrigeration Waste Heat Recovery <sup>(3,4)</sup></b>		<b>Incentive</b>
AE110	Refrigeration Waste Heat Recovery Decreasing Domestic Water Heating	\$150.00 per Ton
AE111	Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	\$125.00 per Ton

<b>Air-Side Economizer <sup>(2,4)</sup></b>		<b>Incentive</b>
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

<b>Water-Side Economizer <sup>(2,4)</sup></b>		<b>Incentive</b>
AE204	Water-Cooled Chiller	\$60.00 per Ton
AE205	Air-Cooled Chiller	\$150.00 per Ton

<b>Condenser Heat Recovery <sup>(4)</sup></b>		<b>Incentive</b>
AE206	Water-Cooled Condenser <sup>(2,3)</sup>	Up to \$400.00 per Ton
AE208		
AE207	Air-Cooled Condenser <sup>(2,3)</sup>	Up to \$500.00 per Ton
AE209		

<b>Operating Room Air Exchange Rate Setback <sup>(4)</sup></b>		<b>Incentive</b>
AE210	Operating Room Air Exchange Rate Setback with at Least 20% Outside Air <sup>(1,2,3)</sup>	Up to \$2.00 Ft <sup>2</sup>
AE211	Operating Room Air Exchange Rate Setback with 100% Outside Air <sup>(1,2,3)</sup>	Up to \$3.00 Ft <sup>2</sup>

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Qualifies New Construction

## Laboratory

Laboratory <sup>(4)</sup>		Incentive
LB101	Auto Sash Closer <sup>(1,2,3)</sup>	Up to \$80.00 per Linear Ft of Sash
LB102	Reduced/Optimized Air Change per Hour (ACH) Rate <sup>(1,2,3)</sup>	Up to \$2.75 per CFM Reduced
LB103	Sash Stops (Electric Only) <sup>(2)</sup>	\$35.00 per Linear Ft of Sash
LB104	Laboratory Fume-Hood Ventilation Reduction (Based on Sash Location) <sup>(1,2,3)</sup>	Up to \$1.40 per CFM Reduced
LB105	Occupancy Sensor with VAV Hood <sup>(1,2,3)</sup>	Up to \$60.00 per Linear Ft of Sash
LB106	Low-Flow Hood with VAV Hood <sup>(1,2,3)</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 \$500.00 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 Heater Tune-Up (Minimum 199 MBH) <sup>(3)</sup>	Up to \$350.00 per Boiler	
TU106	Natural Gas Furnace or RTU Tune-Up (Minimum 40 MBH) <sup>(3)</sup>	Up to \$125.00 per Furnace	
TU201a	Air and 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		1000 Tons or Greater	\$7,500.00 per Chiller
TU202	Steam Trap Monitoring System - Space Heat <sup>(3)</sup>	\$30.00 per Trap	
TU203	Steam Trap Monitoring System - Process <sup>(3)</sup>	\$30.00 per Trap	
TU204a	New Outdoor Air Damper Assembly <sup>(3,4)</sup>	\$0.03 per CFM Total Supply	
TU204b	Repair Outdoor Air Damper <sup>(3,4)</sup>	\$0.01 per CFM Total Supply	

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■ Qualifies New Construction



## Refrigeration, Laundry and Kitchen

Refrigeration <sup>(2,4)</sup>		Incentive
RL101	Discus Refrigeration Compressors	\$20.00 per Ton
RL102	Scroll Refrigeration Compressors	\$40.00 per Ton
RL103	Floating Head Pressure Control	Up to \$150.00 per Ton
RL104	Refrigeration Air Side Economizer	\$30.00 per Ton
RL105	Refrigeration Light Reduction	Up to \$0.20 per Watt Reduced
RL106		
RL107		

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

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

Refrigeration Lighting <sup>(2)</sup>		Incentive
RL116	LED Lighting for Refrigeration Cases <sup>(4)</sup>	\$10.00 per Linear Ft of Lamp
RL117	Occupancy Sensors for LED Refrigerator Lighting	\$20.00 per Door

Refrigerated Equipment		Incentive
RL201	Energy Efficient Ice Machines	Up to \$350.00 per Unit

New Reach-In Refrigerated Case Doors		Incentive
RL202	No Heat Reach-In Case Doors <sup>(2,4)</sup>	Up to \$200.00 per Door
RL203	Medium Temperature (33°F to 50°F) <sup>(1,2,3,4)</sup>	Up to \$60.00 per Linear Ft
RL204	Low Temperature (0°F to 32°F) <sup>(1,2,3,4)</sup>	Up to \$120.00 per Linear Ft

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■ Qualifies New Construction

<b>Refrigeration Insulation <sup>(2)</sup></b>		<b>Incentive</b>
RL205	Night Covers <sup>(4)</sup>	\$20.00 per Linear Ft
RL206	Strip Curtains Cooler (40°F) <sup>(4)</sup>	\$8.00 per Ft <sup>2</sup>
RL207	Strip Curtains Freezer (0°F) <sup>(4)</sup>	\$25.00 per Ft <sup>2</sup>
RL208	Door Gasket Seals <sup>(4)</sup>	\$5.00 per Linear Ft
RL209	Automatic High Speed Doors <sup>(4)</sup>	Up to \$150.00 per Ft <sup>2</sup>

<b>Refrigerators ENERGY STAR<sup>®</sup> <sup>(2)</sup></b>		<b>Incentive</b>
RL210	Commercial Glass Door Refrigerators	Up to \$125.00 per Refrigerator
RL211	Commercial Solid Door Refrigerators	Up to \$125.00 per Refrigerator

<b>Freezers ENERGY STAR <sup>(2)</sup></b>		<b>Incentive</b>
RL301	Commercial Glass Door Freezers	\$150.00 per Freezer
RL302	Commercial Solid Door Freezers	\$125.00 per Freezer

<b>Integrated Variable Speed Motor (ECM) for Fans <sup>(2)</sup></b>		<b>Incentive</b>
RL303	Integrated Variable Speed Motor (i.e. ECM) for Exterior Condenser Fans	\$30.00 per HP

<b>Laundry <sup>(3)</sup></b>		<b>Incentive</b>
RL304	Laundry Ozone Generation System	\$40.00 per Pound

<b>Clothes Washers (ENERGY STAR)</b>		<b>Incentive</b>
RL305	Clothes Washer, Natural Gas Water Heater <sup>(3)</sup>	\$20.00 per Washer
RL306	Clothes Washer, Electric Water Heater <sup>(2)</sup>	\$70.00 per Washer

<b>Commercial Kitchen Equipment</b>		<b>Incentive</b>
RL401	Combination Ovens <sup>(2,3)</sup>	Up to \$1,800.00 per Oven
RL402	Commercial Conveyor Oven <sup>(3)</sup>	Up to \$460.00 per Oven
RL403	ENERGY STAR Convection Oven <sup>(2,3)</sup>	Up to \$475.00 per Oven
RL404	ENERGY STAR Fryer <sup>(2,3)</sup>	Up to \$500.00 per Unit
RL405	Large Vat Fryer <sup>(3)</sup>	\$625.00 per Unit
RL406	ENERGY STAR Griddle <sup>(2,3)</sup>	Up to \$350.00 per Unit
RL407	ENERGY STAR Hot Holding Cabinet <sup>(2)</sup>	Up to \$600.00 per Unit
RL408	Steam Cooker <sup>(2)</sup>	Up to \$1,650.00 per Unit
RL409	ENERGY STAR Steam Cooker <sup>(3)</sup>	Up to \$2,070.00 per Unit
RL410	Infrared Charbroiler <sup>(3)</sup>	\$950.00 per Unit

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■ Qualifies New Construction

Commercial Kitchen Equipment		Incentive
RL411	Infrared Upright Broiler <sup>(3)</sup>	\$750.00 per Unit
RL412	Infrared Salamander Broiler <sup>(3)</sup>	\$275.00 per Oven
RL413	Infrared Rotisserie Oven <sup>(3)</sup>	\$225.00 per Oven
RL414	Rack Oven Single <sup>(3)</sup>	\$920.00 per Unit
RL415	Rack Oven Double <sup>(3)</sup>	\$1,840.00 per Unit
RL416	Pasta Cooker <sup>(3)</sup>	\$1,100.00 per Unit
RL417	Pre-Rinse Sprayer <sup>(3)</sup>	\$30.00 per Sprayer
RL418	Pre-Rinse Sprayer <sup>(2)</sup>	\$35.00 per Sprayer

Commercial Kitchen Ventilation Control		Incentive
RL419	Commercial Kitchen Ventilation Control <sup>(3)</sup>	\$0.50 per CFM

Dishwashers (ENERGY STAR)		Incentive
RL420	Commercial Dishwasher <sup>(3)</sup>	\$250.00 per Unit
RL421	Under Counter Dishwasher <sup>(3)</sup>	\$50.00 per Unit

## Building Envelope and Insulation

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

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

Envelope <sup>(4)</sup>		Incentive
BE104	Window Reduction <sup>(3)</sup>	\$0.75 per Ft <sup>2</sup>
BE105	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 Glazing in Windows <sup>(2)</sup>	\$0.25 per Ft <sup>2</sup>
BE108	Cool (White) Roof <sup>(2)</sup>	\$0.02 per Ft <sup>2</sup>

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

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Qualifies New Construction

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

## Pipe and Ductwork Insulation

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

PEX Pipe Insulation <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 Heat <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

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

Ductwork Insulation - Natural Gas Heat <sup>(3,4)</sup>		Incentive
IN114	Ductwork Insulation - Non-Conditioned Space	Up to \$2.00 per Ft <sup>2</sup>
IN115		
IN116	Ductwork Insulation - Exterior Space	Up to \$3.00 per Ft <sup>2</sup>
IN117		

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 Qualifies New Construction

# Agricultural

Both Commercial and Residential business owners qualify for these measures

Agriculture		Incentive
AG101	Farm Energy Audit as Defined by USDA (Tier 2) <sup>(1,2,3)</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 Controller <sup>(2,4)</sup>	\$50.00 per HP

Greenhouse <sup>(3,4)</sup>		Incentive
AG105	Greenhouse Heat Curtains	\$0.25 per Ft <sup>2</sup>
AG106	Greenhouse Infrared Film	Up to \$0.50 per Ft <sup>2</sup>
AG107		
AG108	Greenhouse Environmental Controls	\$0.25 per Ft <sup>2</sup>
AG109	Greenhouse In-Floor Heating System	Up to \$0.50 per Ft <sup>2</sup>
AG110		

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 Controller	\$190.00 per HP

Irrigation <sup>(2,4)</sup>		Incentive
AG114	VSD on Agricultural 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 <sup>(2)</sup>		Incentive
AG201	Scroll Compressor for Dairy Refrigeration with Heat Exchanger, EER 10.5 to 11.49 <sup>(4)</sup>	\$0.08 per lb. Milk/day
AG202	Scroll Compressor for Dairy Refrigeration without Heat Exchanger, EER 10.5 to 11.49 <sup>(4)</sup>	\$0.04 per lb. Milk/day
AG203	Scroll Compressor for Dairy Refrigeration with Heat Exchanger, EER $\geq$ 11.5 <sup>(4)</sup>	\$0.08 per lb. Milk/day
AG204	Scroll Compressor for Dairy Refrigeration without Heat Exchanger, EER $\geq$ 11.5 <sup>(4)</sup>	\$0.04 per lb. Milk/day

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■ Qualifies New Construction

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

<b>Agriculture Lighting System Retrofit</b> <sup>(2,4)</sup>		<b>Incentive</b>
AG211	LED Grow Lights	\$0.70 per Watt Reduced
AG212	Dairy Long Day Lighting (Interior LED Lighting)	\$0.70 per Watt Reduced
AG213	Poultry LED Lighting Systems	\$0.70 per Watt Reduced

<b>Agricultural Integrated Variable Speed Motor (ECM)</b> <sup>(2,4)</sup>		<b>Incentive</b>
AG301	EC Fan Motor for Cold Storage Evaporator	\$100.00 per HP

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

<b>Miscellaneous Agriculture</b> <sup>(2,4)</sup>		<b>Incentive</b>
AG304	VFD on Agricultural Fans (Operating Between 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 Between 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

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 Qualifies 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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