

# 2023 Incentive Guide



## Consumers Energy Business Energy Efficiency Programs

**Need help?**

**Call 877-607-0737**

**or Email:**

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**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 facility for customer incentives as shown below.

|   |   |
|---|---|
| <b>Prescriptive Incentives:</b>               | No total project cost cap, select measures capped per measure, facility, or project   |
| <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 calculated natural gas incentive up to \$500,000<br>50% of the calculated natural gas 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 Lights <sup>(2,4)</sup> |   | Incentive                      |
|--|---|--------------------------------|
| LT101<br>LT114   | 2-Ft T12 to 2-Ft LED Tube Light                   | \$2.50 per Lamp                |
| LT102<br>LT115   | 2-Ft T8 to 2-Ft LED Tube Light                    | \$1.00 per Lamp                |
| LT103<br>LT116   | 3-Ft T12 to 3-Ft LED Tube Light                   | \$3.50 per Lamp                |
| LT104<br>LT117   | 3-Ft T8 to 3-Ft LED Tube Light                    | \$2.00 per Lamp                |
| LT105<br>LT118   | 4-Ft T12 to One (1) 4-Ft LED Tube Light           | \$5.00 per Lamp                |
| LT106<br>LT119   | 4-Ft T8 to One (1) 4-Ft LED Tube Light (Low Bay)  | \$3.00 per Lamp                |
| LT107<br>LT120   | 4-Ft T8 to One (1) 4-Ft LED Tube Light (High Bay) | \$4.00 per Lamp                |
| LT108<br>LT121   | 4-Ft T5 to One (1) 4-Ft LED Tube Light (Low Bay)  | \$3.00 per Lamp                |
| LT109<br>LT122   | 4-Ft T5 to One (1) 4-Ft LED Tube Light (High Bay) | \$4.00 per Lamp                |
| LT110<br>LT123   | 8-Ft T12 to Two (2) 4-Ft LED Tube Light           | \$10.00 per 8-Ft Lamp Replaced |
| LT111<br>LT124   | 8-Ft T8 to Two (2) 4-Ft LED Tube Light            | \$7.00 per 8-Ft Lamp Replaced  |
| LT112<br>LT125   | 8-Ft T12 to One (1) 8-Ft LED Tube Light           | \$10.00 per 8-Ft Lamp Replaced |
| LT113<br>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 $\geq$ 15-Ft)                      | \$0.40 per Watt Reduced |
| LT204  | Interior LED Lighting (High Bay $\geq$ 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 Fixture (High Bay ≥ 15-Ft)                      | \$0.55 per Watt Reduced |
| LT208  | Interior Linear LED Tube Light Fixture (High Bay ≥ 15-Ft) Continuous Operation | \$1.00 per Watt Reduced |
| LT209  | Interior Linear LED Tube Light Fixture (Low Bay < 15-Ft)                       | \$0.30 per Watt Reduced |
| LT210  | Screw-in LED Lamp Replacing HID Lamp   | \$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 |

| Non-Defined LED Lighting <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 |

| 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                                      | Electric Tier 1 | \$0.25 per kWh |
| LC111                                      | Electric Tier 2 | \$0.18 per kWh |

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

(4) Pre-notification is required.

\* ≥5% lumens per watt system improvement for LT301, < 5% lumens per watt system improvement for LT302.

† 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 qualifies for New Construction

## Variable Frequency Drives (VFD)

| HVAC Variable Frequency Drives (Up to 100 HP) <sup>(2)</sup> |   | Incentive               |
|--|---|-------------------------|
| VF101  | VFD on HVAC Supply Fan**  | \$70.00 per HP          |
| VF102  | VFD on HVAC Return Fan**  | \$70.00 per HP          |
| VF103  | VFD on HVAC Cooling Tower Fan**                                   | \$40.00 per HP          |
| VF104  | VFD on HVAC Chilled Water Pump**                                  | \$60.00 per HP          |
| VF105  | VFD on HVAC Hydronic Heating Water Pump**                         | \$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 HVAC or Grocery Store Refrigeration System Condenser Fan** | \$50.00 per Ton of Load |

| Process Variable Frequency Drives (Up to 250 HP) <sup>(2)</sup> |  | 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) up to 250 HP*                   | \$75.00 per HP  |
| VF206   | VFD on Process Pump-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 (CRAC) System** | \$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 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 over 50 HP.

\*\* 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).

\*\*\* Grocery store refrigeration systems do not qualify for this measure.

■ Means equipment qualifies for New Construction

| Integrated Variable Speed Motor (ECM) for Fans and Pumps <sup>(2)</sup> |   | Incentive                |
|---|---|--------------------------|
| VF301   | Integrated Variable Speed Motor (e.g. ECM) for 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) for 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 |

\*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)

## Compressed Air

| Compressed Air Supply <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>                  | \$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 Systems) 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 Systems) 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 Systems) 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   |
| CA107c                               | 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 Systems) <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 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 |

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

(4) Pre-notification is required.

■ Means equipment qualifies for New Construction



| <b>Compressed Air Supply <sup>(2)</sup></b> |   | <b>Incentive</b>        |
|---|---|-------------------------|
| CA119                                       | Low-Pressure Drop Compressed Air Filter                                 | \$7.50 per HP           |
| CA120                                       | Compressed Air Pressure-Flow Controller <sup>(4)</sup>                  | \$10.00 per HP          |
| CA121                                       | Air Compressor Outdoor Air Intake ( $\geq$ 50 HP 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  |
| CA123b                                      |   | 3 gal/CFM to 5 gal/CFM  |
| CA123c                                      |   | 5 gal/CFM to 10 gal/CFM |
|   |   | \$70.00 per HP          |
|   |   | \$50.00 per HP          |
|   |   | \$30.00 per HP          |

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

| <b>Compressed Air Energy Audit and Leak Repair <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 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   |

| <b>Compressed Air Reduction <sup>(2)</sup></b> |   | <b>Incentive</b>             |
|--|---|------------------------------|
| 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 Generators   | \$20.00 per CFM              |
| CA210  | Pneumatic Hand Tools Replaced with Corded Electric Hand Tools <sup>(4)</sup>                          | \$100.00 per Tool            |
| CA211  | Pneumatic Hand Tools Replaced with Cordless Electric Hand Tools <sup>(4)</sup>                        | \$70.00 per Tool             |
| CA212  | Pneumatic Motor Replaced with Electric Motors <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 Nozzle (at Least 1,000 hrs./yr.) <sup>(4)</sup>                             | \$15.00 per Unit             |

## Miscellaneous Electric

| <b>Power Management <sup>(2)</sup></b> |                                      | <b>Incentive</b>          |
|--|--------------------------------------|---------------------------|
| 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         |

(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 qualifies for New Construction

| Miscellaneous <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  |
| ME110                        | CRAC Rectifier with Economizer ( $\leq 200$ Amps, $\geq 94\%$ Efficiency) <sup>(4)</sup>                             | \$75.00  |
| ME111                        | CRAC Rectifier without Economizer ( $\leq 200$ Amps, $\geq 94\%$ Efficiency) <sup>(4)</sup>                          | \$55.00  |
| ME112                        | CRAC Rectifier with Economizer ( $\leq 200$ Amps, $\geq 97\%$ Efficiency) <sup>(4)</sup>                             | \$125.00   |
| ME113                        | CRAC Rectifier without Economizer ( $\leq 200$ Amps, $\geq 97\%$ Efficiency) <sup>(4)</sup>                          | \$100.00   |
| ME114a,b                     | High Efficiency Pumps: Pump Energy Index (PEI) ( $\leq 50$ HP)<br>(a = Standard Hours, b = Low Hours) <sup>(4)</sup> | \$0.10 per kWh (low)<br>\$0.15 per kWh<br>(standard) |

## 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<br>$\geq 1,000$ lb./yr./ton            | \$18.00 per Metric Ton                   |
| MA101d  |   | VSD or Servo Hydraulic<br>$\geq 600$ to $< 1,000$ lb./yr./ton | \$15.00 per Metric Ton                   |
| MA101e  |   | VSD or Servo Hydraulic<br>$\geq 400$ 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 $\geq 2,500$ hr./yr.) |   | a = \$4,000 per kW<br>b = \$2,500 per kW |
| MA103   | Process Dryer Flow Rate Control with Relative Humidity Sensors (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 Heating Ventilation Reduction <sup>(3)</sup>                                  | \$1.50 per CFM Reduced  |
| MA106  | Process Fan Ventilation Reduction <sup>++ (2)</sup>                                   | \$0.15 per CFM Reduced  |
| MA107  |   | \$175.00 per HP Reduced |
| MA108  | Decreasing Oven Exhaust Flow Rate (NG Heat)<br>(200°F to 600°F) <sup>(3)</sup>        | \$0.75 per CFM Reduced  |
| MA109  | Decreasing Oven Exhaust Flow Rate (NG Heat)<br>(601°F to 1200°F) <sup>(3)</sup>       | \$1.25 per CFM Reduced  |
| MA110  | Decreasing Oven Exhaust Flow Rate (Electric Heat)<br>(200°F to 600°F) <sup>(2)</sup>  | \$20.00 per CFM Reduced |
| MA111  | Decreasing Oven Exhaust Flow Rate (Electric Heat)<br>(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 qualifies for New Construction

| Process Energy Recovery <sup>(3,4)</sup> |   |         | Incentive        |
|--|---|---------|------------------|
| MA112a                                   | RTO (Recuperative or 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  | Inverter Welding Machine   |                       | \$500.00 per Welder          |

| Heat Recovery for 100% Makeup Air Heating <sup>(3,4)</sup> |   |         | Incentive          |
|--|---|---------|--------------------|
| MA201a   | Waste Heat Recovery System for Direct-fired MAU   | 2 Shift | \$0.60 CFM Reduced |
| MA201b   |   | 3 Shift | \$1.00 CFM Reduced |
| MA202a   | Waste Heat Recovery System for Indirect-fired 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  | Up to \$40.00 per Ton  |
| HV102                           | High-Efficiency Data Center, Telecom or Computer Room Air Conditioning System (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, water, or glycol cooled, pre-retrofit equipment class 1 - 2) <sup>(4,6)</sup>   | Up to \$20.00 per MBH  |
| HV104                           | Packaged Terminal Air Conditioner (PTAC)   | Up to \$70.00 per Unit |
| HV105                           | Packaged Terminal Heat Pump (PTHP)   | Up to \$35.00 per Unit |
| HV106                           | Ductless Air Conditioning or Air-Source Heat Pump System   | \$50.00 per unit       |

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

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

(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  $\leq 75^\circ\text{F}$

b. Class 2 - Temperature  $> 75^\circ\text{F}$  to  $\leq 85^\circ\text{F}$

c. Class 3 - Temperature  $> 85^\circ\text{F}$  to  $\leq 95^\circ\text{F}$

■ Means equipment qualifies for New Construction

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

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

| HVAC and Process Hydronic and Steam Boilers <sup>(3)</sup> |   | Incentive      |
|--|---|----------------|
| HV303  | HVAC Hydronic Boiler - Level 1 (88% to 89.9% Efficiency)    | \$1.50 per MBH |
| HV304  | HVAC Hydronic Boiler - 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 (at Least 82% Efficiency)                | \$2.00 per MBH |
| HV307  | Process Hydronic (Water) Boilers (at Least 82% Efficiency)  | \$1.20 per MBH |
| HV308  | High-Efficiency Pool Water Heater (at Least 84% Efficiency) | \$2.00 per MBH |

| Space Heating <sup>(3)</sup> |   | Incentive       |
|------------------------------|---|-----------------|
| HV309                        | High-Efficiency Unit Heater (at Least 92% Efficiency) | \$3.99 per MBH  |
| HV310                        | High-Efficiency Unit Heater (at Least 95% Efficiency) | \$7.91 per MBH  |
| HV311                        | Direct-Fired Makeup Air Handling Units                | \$1.50 per MBH  |
| HV312                        | Condensing Rooftop Unit                               | \$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 Furnace (≤ 120 MBH, 92% AFUE) | \$300.00 per Furnace |
| HV316                   | High Efficiency Furnace (> 120 MBH, 92% AFUE) | \$350.00 per Furnace |
| HV317                   | High Efficiency Furnace (≤ 120 MBH, 95% AFUE) | \$325.00 per Furnace |
| HV318                   | High Efficiency Furnace (> 120 MBH, 95% AFUE) | \$400.00 per Furnace |

| Domestic Water Heating <sup>(3)</sup> |   | 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 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 noted.

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

(4) Pre-notification is required.

Means equipment qualifies for New Construction

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

## Building Automation Systems

| HVAC System Automation <sup>(4)</sup> |  | Incentive                        |
|---------------------------------------|--|----------------------------------|
| BA101                                 | Web Based Building Automation System (Temperature Setback in Non-Occupied Periods) <sup>(2)</sup>              | \$0.15 per Ft <sup>2</sup>       |
| BA102                                 | Light Commercial Building Automation System (BAS) (Temperature Setback in Non-Occupied Periods) <sup>(2)</sup> | \$0.50 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 Retrofit (5°F Reset)  | \$15.00 per Ton |
| BA109b  | Chilled Water Reset Retrofit (10°F Reset) | \$30.00 per Ton |
| BA110   | Optimized Chiller Plant Sequencing        | \$4.00 per Ton  |

| Advanced Rooftop HVAC Unit 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 Sensor <sup>(2 or 3)</sup>                | \$80.00 per Room Controlled      |
| BA202                                | Programmable Thermostat <sup>(1,2 or 3)</sup>                        | Up to \$48.00 per Thermostat     |
| BA203                                | Occupancy Sensor Control for Smart Thermostats <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 qualifies for New Construction

| Ventilation Controls <sup>(4)</sup> |   | Incentive                        |
|-------------------------------------|---|----------------------------------|
| BA204                               | Demand Control Ventilation <sup>(3)</sup>                                       | Up to \$0.10 per Ft <sup>2</sup> |
| BA205                               | Occupancy Sensor Control for HVAC BAS Systems <sup>(1,2 or 3)</sup>             | Up to \$0.08 per Ft <sup>2</sup> |
| BA206                               | Demand Control Ventilation and Occupancy Sensors for HVAC <sup>(1,2 or 3)</sup> | Up to \$0.30 per Ft <sup>2</sup> |
| BA207                               | Occupancy Sensor Controlled Restroom Exhaust Fan (Electric Only) <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 Retrofit                           | \$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 Unit         | \$0.40 per CFM |
| AE103                                 | Fixed-Plate Air-to-Air Energy Recovery Unit | \$0.35 per CFM |
| AE104                                 | Dust Collector Exhaust Air Recovery         | \$1.50 per CFM |

\*Not eligible on new condensing boilers.

(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 qualifies 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   | Refrigeration Waste Heat Recovery Decreasing Domestic Water Heating Load | \$200.00 per Ton |
| AE110   | Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load           | \$125.00 per Ton |

| <b>Data Center, Telecom and Computer Room Air Conditioning (CRAC) System 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 Exchange Rate 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> |

(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 qualifies 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) Rate <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- and Water-Cooled Chiller Tune-Up <sup>(2)</sup>                                  | 20 to 149 Tons                |
| TU201b         |   | 150 to 999 Tons               |
| TU201c         |   | 1000 Tons or Greater          |
| 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 <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 qualifies for 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                          | Refrigerated Space LED Lighting (Refrigeration Savings) <sup>(8)</sup> | Up to \$0.20 per Watt Reduced |
| RL106                          |  |                               |
| RL107                          |  |                               |

| Refrigeration Controls <sup>(2,4)</sup> |   | Incentive                     |                 |
|---|---|-------------------------------|-----------------|
| RL108                                   | Refrigerated Case Anti-Sweat Heater Controls                        | \$75.00 per Door              |                 |
| RL109                                   | Cooler or Freezer Defrost Control                                   | \$20.00 per Ton               |                 |
| RL110                                   | Refrigerated Walk-in Cooler or Freezer 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                                 | Case Cooler Electronically Commutated Motor (ECM)                 | \$90.00 per Motor          |
| RL114                                 | Walk-in Cooler Electronically Commutated Motor (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 Refrigeration Cases <sup>(4)</sup>  | \$10.00 per Linear Ft of Lamp |
| RL117   | Occupancy Sensors for Refrigerated Case LED Lighting | \$20.00 per Door              |

(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 qualifies for New Construction

| <b>Permanent Magnet Synchronous Motors <sup>(2)</sup></b> |   | <b>Incentive</b>   |
|---|---|--------------------|
| RL201   | Medium Temp. Case, Replacing Shaded Pole Motor                  | \$45.00 per Motor  |
| RL202   | Low Temp. Case, Replacing Shaded Pole Motor                     | \$55.00 per Motor  |
| RL203   | Medium Temp. Walk-in, Replacing Shaded Pole Motor               | \$110.00 per Motor |
| RL204   | Low Temp. Walk-in, Replacing Shaded Pole Motor                  | \$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  |

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

| <b>Refrigeration Insulation and Envelope <sup>(2, 4)</sup></b> |  | <b>Incentive</b>                   |
|--|--|------------------------------------|
| RL210  | Open Refrigerated Case 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 Freezer (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> |

| <b>Integrated Variable Speed Motor (e.g. ECM) <sup>(2)</sup></b> |  | <b>Incentive</b> |
|--|--|------------------|
| RL215  | Integrated Variable Speed Motor (e.g. ECM) for Exterior Condenser Fans | \$30.00 per HP   |

| <b>Laundry <sup>(3,4)</sup></b> |                                 | <b>Incentive</b>  |
|---------------------------------|---------------------------------|-------------------|
| RL301                           | Laundry Ozone-Generation System | \$40.00 per Pound |

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

| <b>Commercial Kitchen Ventilation Control <sup>(3,4)</sup></b> |  | <b>Incentive</b> |
|--|--|------------------|
| RL304  | Commercial Kitchen Ventilation Control                   | \$0.50 per CFM   |
| RL305  | Engineered Commercial Kitchen Ventilation Hood           | \$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 qualifies for New Construction

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

## Building Envelope and Insulation

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

| <b>Roof Insulation (3,4 and natural gas heat)</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 (4)</b> |   | <b>Incentive</b>           |
|---------------------|---|----------------------------|
| BE104               | Window Reduction (3)                    | \$0.75 per Ft <sup>2</sup> |
| BE105               | High-Efficiency Window Film (2)         | \$0.40 per Ft <sup>2</sup> |
| BE106               | Window Awnings (2)                      | \$0.25 per Ft <sup>2</sup> |
| BE107               | High Performance Glazing in Windows (2) | \$0.25 per Ft <sup>2</sup> |
| BE108               | Cool (White) Roof (2)                   | \$0.02 per Ft <sup>2</sup> |

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

| <b>Pool Covers (3)</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 qualifies 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 (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 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 |

| 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 qualifies 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 (Tier 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 Controller <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 System (Without Heat Curtains)           | \$0.50 per Ft <sup>2</sup>       |
| AG110                       | Floor or Bench Heating System (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 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                       | Micro (Drip) Irrigation Systems              | \$50.00 per Acre  |
| AG117                       | Low-Pressure or Zero Energy Sprinkler Nozzle | \$0.50 per Nozzle |
| AG118                       | Low- or Zero-Energy Livestock Waterer        | \$125.00 per Unit |

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

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(4) Pre-notification is required.

■ Means equipment qualifies for New Construction

| <b>Dairy</b> <sup>(2)</sup> |   | <b>Incentive</b>              |
|-----------------------------|---|-------------------------------|
| AG205                       | Variable Speed Drive for Vacuum Pump  | \$100.00 per HP               |
| AG206                       | Variable Speed Drive on Milk Pump with Existing Milk Pre-Cooler                               | \$0.10 per lb. Milk/day       |
| AG207                       | Variable Speed Drive on Milk Pump with New Milk Pre-Cooler                                    | \$0.14 per lb. Milk/day       |
| AG208                       | Milk Pre-Cooler (Chiller Savings)   | \$0.20 per lb. Milk/day       |
| AG209                       | Milk Pre-Cooler (Chiller plus Water Heating Savings) (Heat Recovery Tank) <sup>(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</b> <sup>(2,4)</sup> |  | <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) | \$0.70 per Watt Reduced |
| AG211d                                       | LED Grow Lights ≥ 6570 Annual Hours (New Construction) | \$1.00 per Watt Reduced |
| AG212  | Dairy Long Day Lighting System (Interior LED Lighting) | \$0.70 per Watt Reduced |
| AG213  | Poultry LED Lighting Systems                           | \$0.70 per Watt Reduced |

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

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

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

| <b>Miscellaneous VFDs</b> <sup>(2,4)</sup> |  | <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   |

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**Need help?**

**Call 877-607-0737**

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



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