

# Business Energy Efficiency Programs

## 2024 Incentive Measures Change Log

NOTE: This document is intended to be a guide for instructing contractors and customers on the changes occurring between the 2023 and 2024 program years for the Consumers Energy Business Energy Efficiency Programs. In the event of a discrepancy between the information on this document and the information within the most up-to-date versions of the Program Application, Catalog, or Policies and Procedures Manual, the information within those documents is to be considered official instead of the information within this guide.

### Incentive Changes

Measure	2023 Incentive	2024 Incentive	App	Catalog
<b>Variable Frequency Drives</b>				
Variable Frequency Drives on Process Pumps 51 HP to 250 HP (VF202)	\$75.00 per Motor HP	\$125.00 per Motor HP	pg. 15	pgs. 24, 25
Variable Frequency Drives on Process Fans 51 HP to 250 HP (VF204)	\$50.00 per Motor HP	\$100.00 per Motor HP	pg. 15	pgs. 24, 25
<b>Building Automation Systems</b>				
Optimal Start on Air Handling Units (AHU) - Natural Gas Heat (BA103a)	\$0.05 per Square Foot	\$0.15 per Square Foot	pg. 27	pg. 62
Optimal Start on Air Handling Units (AHU) - Air Conditioning (BA103b)	\$0.07 per Square Foot	\$0.15 per Square Foot	pg. 27	pg. 62
<b>Agricultural</b>				
Indoor Agriculture Grow Room Dehumidification Units (≥ 155 Pints/Day) (AG214)	\$3.50 per pint per day	\$1.00 per pint per day	pg. 41	pg. 111

### New Measures

Measure	2024 Incentive	App	Catalog
<b>Lighting</b>			
Screw-in LED Lamp Replacing HID Lamp (HID lamp < 400W) Continuous Operation (LT211)	\$0.40 per Watt Reduced	pg. 10	pg. 14
Process Steam Traps (TU206) (> 50 psig and > 4,000 hours/year)	\$6.00 per MCF Natural Gas <sup>1</sup>	pg. 34	pg. 85

<sup>1</sup>Calculated per the 2019 Illinois Statewide Technical Reference Manual for Energy Efficiency Version 7.0, Volume 2: Commercial and Industrial Measures.

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### Updated Measures

- (May 2024) Revised the measure name for the "Continuous Operation" Low Bay Interior LED Lighting (LT206) measure to indicate  $\geq 8,000$  hrs/year vs. continuous (24/7) operation qualifies (App. pg. 10).
- The Signage and Canopy Decorative/Security LED Lighting measures were renumbered from LT211 and LT212 to LT212 and LT213 (Application pg. 10 | Catalog pg. 14).
- The Interior LED Trim Kits and Downlights Fixtures (LT301) measure was redefined to exclude retrofit trim kits that receive power through the existing Edison base from eligibility (App. pg. 11 | Cat. pg. 14).
- (April 2024) The eligible systems for the Variable Frequency Drives on Refrigeration System Condenser Fans (VF209, VF210) and Refrigeration Condenser Floating Head Pressure Controls (RL103b) measures was expanded to include all non-grocery store refrigeration systems vs. industrial process cooling and refrigerated warehouse systems only (Application pgs. 15, 35 | Catalog pgs. 26, 87).
- Eligible motor sizes for the Integrated Variable Speed Motors (e.g. ECM) on DHW recirculation and HVAC Hydronic Circulation Pumps measures were revised as follows (App. pg. 16 | Cat. pg. 29):

Measure ID	2023 Motor Capacity	2024 Motor Capacity
VF303a, VF304a, VF305a	< 500 watts	< 100 watts
VF303b, VF304b, VF305b	500 watts to 1,000 watts	100 watts to 500 watts
VF303c, VF304c, VF305c	> 1,000 watts	> 500 watts

- (April 2024) The specific power and total air leak flow rate columns for the Compressed Air Energy Audit and Leak Repair (CA201 - CA206) measures were removed from the Application, as this information is not required to calculate the incentive, however this information and supporting documentation may be required to be submitted with the Application (see Incentive Catalog) (Application pg. 18 | Catalog pgs. 38, 39).
- Qualifying efficiencies for the Unitary (e.g. RTU) and Split Air Conditioning Systems (HV101) measures were **revised** as follows (Application pg. 22 | Catalog pg. 52):

Size Category	2023 Minimum Efficiency	2024 Minimum Efficiency
< 5.4 tons	Split: 14.3 SEER2 (15.0 SEER) Unitary: 14.3 SEER2 (15.0 SEER)	Split: 14.3 SEER2 (15.0 SEER) <b>Unitary: 15.2 SEER2 (16.0 SEER)</b>
$\geq 5.4$ to < 11.25 tons	12.0 EER & 13.8 IEER	12.0 EER & <b>19.0 IEER</b>
$\geq 11.25$ to < 20 tons	12.0 EER & 13.0 IEER	12.0 EER & <b>16.8 IEER</b>
$\geq 20$ to < 63 tons	10.6 EER & 12.1 IEER	<b>12.5 EER &amp; 15.5 IEER</b>
$\geq 63$ tons	10.2 EER & 11.4 IEER	10.2 EER <b>Only</b>

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- (May 2024) Revised the SEER2/SEER field on the PDF Application to allow entry of decimals for HV101a and HV101f so that the SEER2 efficiency may be entered, and revised the note to indicate the SEER2 efficiency must be entered for HV101a and HV101f, including a SEER to SEER2 efficiency conversion equation (Application pg. 22).
- Measure TU205 was redefined as HVAC Steam Traps ( $\leq 50$  psig and/or  $\leq 4,000$  hours/year) and noted that TU206 may alternatively be applied by the Program (Application pg. 34 | Catalog pg. 85).
- (May 2024) Corrected the name and scope of measure AG209 to indicate this measure only captures milk pre-cooler heat exchanger waste heat utilization savings, and revised AG208 (Milk Pre-Cooler Heat Exchanger - Chiller Savings) and AG209 (Water Pre-Heat Heat Exchanger - Water Heating Savings) to indicate these measures may be combined accordingly (Application pg. 41 | Catalog pg. 109).
- The maximum allowable existing unit energy factor was increased to 2.41 L/kW for the Indoor Agricultural Grow Room Dehumidification Units (AG214) measure (Application pg. 41 | Catalog pg. 111).

### Other Notes

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- Buy Michigan remains as a 20% bonus and Buy USA remains as a 15% bonus.
- The Segmented PDF Applications were eliminated in favor of enhancing the Full PDF Application with improved navigation features, the ability to print data-filled pages only, and an Appendix with fillable forms. The PDF Catalog was similarly enhanced in line with the Full PDF Application improvements.