

# 2022 Indoor Agricultural Application



**Consumers Energy**  
Business Energy Efficiency Programs

**Consumers Energy**

*Count on Us®*

## Applicant Information

Type of Application: ☐ Retrofit Project ☐ New Construction Consumers Energy Advisor (if known) \_\_\_\_\_

Who is the primary contact? ☐ Customer ☐ Technical Contact Consumers Energy Account Manager (if known) \_\_\_\_\_

Include a secondary contact in communications? ☐ Customer ☐ Technical Contact

This is my: ☐ Pre-Notification Application ☐ Final Application ☐ Revised Application **PROJECT # CE-22-** \_\_\_\_\_

### How did you hear about us?

- |                                    |  |   |   |
|------------------------------------|--|---|---|
| <input type="checkbox"/> Radio     | <input type="checkbox"/> Internet          | <input type="checkbox"/> Direct Mail    | <input type="checkbox"/> Consumers Energy Account Manager |
| <input type="checkbox"/> TV        | <input type="checkbox"/> Email             | <input type="checkbox"/> Sporting Event | <input type="checkbox"/> Energy Advisor                   |
| <input type="checkbox"/> Billboard | <input type="checkbox"/> Prior Participant | <input type="checkbox"/> Contractor     | <input type="checkbox"/> Other _____                      |

### Customer Information (Required for All Applications)

Company Name (as it appears on Consumers Energy bill) \_\_\_\_\_

Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

We will use your email address solely to provide timely information about the Consumers Energy Business Energy Efficiency Programs and your projects.

Consumers Energy Natural Gas Account Number (at Project Location)

Consumers Energy Electric Account Number (at Project Location)

### Primary Business Type

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Agriculture       | <input type="checkbox"/> Heavy Industrial   | <input type="checkbox"/> Hotel           | <input type="checkbox"/> Big Box Retail           |
| <input type="checkbox"/> Auto Repair       | <input type="checkbox"/> Light Industrial   | <input type="checkbox"/> Motel           | <input type="checkbox"/> Small Retail             |
| <input type="checkbox"/> Biotech           | <input type="checkbox"/> High School        | <input type="checkbox"/> Large Office    | <input type="checkbox"/> Full Service Restaurant  |
| <input type="checkbox"/> Convenience Store | <input type="checkbox"/> School (K-8)       | <input type="checkbox"/> Small Office    | <input type="checkbox"/> Quick Service Restaurant |
| <input type="checkbox"/> Grocery           | <input type="checkbox"/> University/College | <input type="checkbox"/> Religious       | <input type="checkbox"/> Warehouse                |
| <input type="checkbox"/> Data              | <input type="checkbox"/> Hospital           | <input type="checkbox"/> Public Assembly | <input type="checkbox"/> Other _____              |
- Facility Size (Area) \_\_\_\_\_ ft<sup>2</sup>

### Customer Tax Information (Required for All Applications)

**Tax Status\*\*:** ☐ Individual/Sole proprietor single-member LLC ☐ C Corporation ☐ Partnership ☐ LLC Enter Tax Classification \_\_\_\_\_

☐ S Corporation ☐ Trust/Estate ☐ Other \_\_\_\_\_

**Tax ID Number:** Please provide your EIN/Federal Tax ID below.

EIN/Federal Tax ID  -

### Exemptions

Payee Code \_\_\_\_\_ FATCA Code \_\_\_\_\_

### Project Information

Project Name (if applicable) \_\_\_\_\_

Installation Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Estimated Completion Date \_\_\_\_\_ Total Incentive Requested \_\_\_\_\_

### Technical Contact Information (Trade Ally, Contractor, Designer, etc.)

Company Name\* \_\_\_\_\_ Consumers Energy Contractor ID (if known) \_\_\_\_\_

Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_ Rebate Processor Name \_\_\_\_\_

\* Company name as it appears on your W-9.

\*\* W-9 must be provided for payee with application.

For internal use only

Date	Assigned	CE -
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## Final Application/Customer Signature

Measure Category	Category Total (Before)	Buy Michigan
Agricultural		
Custom		

Incentive Totals	
Measure Subtotal	
15% Buy Michigan Bonus	
Incentive Total	

**Important:** Please read the Terms and Conditions before signing and submitting this application. A customer signature is required for payment in the incentive requested. Checks will be made out to the name of the applicant's business, unless payment is released in the third party payment release section below.

Incentive Requested		
Total Project Cost	Total Incentive Requested	Actual Completion Date
Company Name (as it appears on Consumers Energy bill)		Project #
Customer Signature		Date
Print Name		Title

► Upon signing, I am stating that I have read and understand the Terms and Conditions set forth by this program.

### Third Party Payment Release

#### Skip This Section If Rebate Check Will Be Made Payable To Customer

I authorize the payment of the incentive to the third party named below, and I understand that I will not be receiving the incentive payment. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the Incentive Catalog, Final Application Agreement and Terms and Conditions.

#### Authorized By:

Customer Name	Signature	Date
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#### Check should be made payable to:

Individual/Company Name*	Phone
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Mailing Address

City	State	ZIP
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**Tax Status\*\*:** ☐ Individual/Sole proprietor single-member LLC ☐ C Corporation ☐ Partnership ☐ LLC Enter Tax Classification \_\_\_\_\_  
☐ S Corporation ☐ Trust/Estate ☐ Other \_\_\_\_\_

**Tax ID Number** Please provide your EIN/Federal Tax ID below.

EIN/Federal Tax ID   -

#### Exemptions

Payee Code \_\_\_\_\_ FATCA Code \_\_\_\_\_

► Please note that this document will require re-saving each time a digital signature is used.

\* Company name as it appears on your W-9.

\*\* W-9 must be provided for payee with application.

## Resources

Learn more about Incentive Caps And Limits, About This Application, Pre-Notifications, How to Apply, Terms and Conditions and Lighting and Lighting Controls Catalog as resources to successfully fill out this application. This information can be found at: [ConsumersEnergy.com/startsaving](https://ConsumersEnergy.com/startsaving).

Print This Form



### Linear LED Tube Lights UL Type A, B, and Dual Mode (DM)\* (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	LED Model #	Total Incentive	
LT101	2-Foot T12 to 2-Foot LED Tube Light	\$2.50	Lamp				<input type="checkbox"/>
LT102	2-Foot T8 to 2-Foot LED Tube Light	\$1.00	Lamp				<input type="checkbox"/>
LT103	3-Foot T12 to 3-Foot LED Tube Light	\$3.50	Lamp				<input type="checkbox"/>
LT104	3-Foot T8 to 3-Foot LED Tube Light	\$2.00	Lamp				<input type="checkbox"/>
LT105	4-Foot T12 to One (1) 4-Foot LED Tube Light	\$5.00	Lamp				<input type="checkbox"/>
LT106	4-Foot T8 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT107	4-Foot T8 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT108	4-Foot T5 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT109	4-Foot T5 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT110	8-Foot T12 to Two (2) 4-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT111	8-Foot T8 to Two (2) 4-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>
LT112	8-Foot T12 to One (1) 8-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT113	8-Foot T8 to One (1) 8-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>

### Linear LED Tube Lights UL Type C\* (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	LED Model #	Total Incentive	
LT114	2-Foot T12 to 2-Foot LED Tube Light	\$2.50	Lamp				<input type="checkbox"/>
LT115	2-Foot T8 to 2-Foot LED Tube Light	\$1.00	Lamp				<input type="checkbox"/>
LT116	3-Foot T12 to 3-Foot LED Tube Light	\$3.50	Lamp				<input type="checkbox"/>
LT117	3-Foot T8 to 3-Foot LED Tube Light	\$2.00	Lamp				<input type="checkbox"/>
LT118	4-Foot T12 to One (1) 4-Foot LED Tube Light	\$5.00	Lamp				<input type="checkbox"/>
LT119	4-Foot T8 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT120	4-Foot T8 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT121	4-Foot T5 to One (1) 4-Foot LED Tube Light (Low Bay)	\$3.00	Lamp				<input type="checkbox"/>
LT122	4-Foot T5 to One (1) 4-Foot LED Tube Light (High Bay)	\$4.00	Lamp				<input type="checkbox"/>
LT123	8-Foot T12 to Two (2) 4-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT124	8-Foot T8 to Two (2) 4-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>
LT125	8-Foot T12 to One (1) 8-Foot LED Tube Light	\$10.00	8-Foot Replaced				<input type="checkbox"/>
LT126	8-Foot T8 to One (1) 8-Foot LED Tube Light	\$7.00	8-Foot Replaced				<input type="checkbox"/>

### Permanent Lamp Removal (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# Of Units	Total Incentive
LT127	T8 or T12 2-Foot or 3-Foot Lamp Removal	(Combined with LED Tube Light Retrofit)	\$1.50	Lamp Removed	
LT128	T8 or T12 4-Foot Lamp Removal		\$5.00	Lamp Removed	
LT129	T8 or T12 8-Foot Lamp Removal		\$12.00	Lamp Removed	

\*Notes: UL Type A: TLEDs are used as a direct replacement for existing fluorescent tubes, reusing the existing fluorescent ballast and reusing the existing lamp holders to connect the TLED tube to the fixture.

UL Type B: TLEDs typically use the lamp holders (either existing or retrofitted) to connect the TLEDs to the existing fluorescent fixture, but do not operate through the existing fluorescent ballast. TLEDs have internal drivers and run off line voltage.

UL Type C: TLEDs connected to the low voltage side of the TLEDs new external driver. The existing fluorescent ballast is disconnected and fully removed from the existing fluorescent fixture.

Dual Mode (DM) Internal Drivers (UL Type A and Type B): TLEDs may operate off the existing fluorescent ballast or be rewired to operate off line voltage. They have the same requirements as Type A or Type B TLED.

**Subtotal Lighting Incentive - Page 1**

Check the **Buy Michigan Box**  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Lighting New/Retrofit Fixtures (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	New Fixture and Retrofit Measures	Incentive (F)	Unit
LT201	Exterior LED Lighting	\$0.65	Watt Reduced
LT202	Parking Garage LED Lighting	\$0.60	Watt Reduced
LT203	Interior LED Lighting (High Bay ≥ 15-Foot)	\$0.40	Watt Reduced
LT204	Interior LED Lighting (High Bay ≥ 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT205	Interior LED Lighting (Low Bay < 15-Foot)	\$0.35	Watt Reduced
LT206	Interior LED Lighting (Low Bay < 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT207	New Linear LED Tube Fixture (High Bay ≥ 15-Foot)	\$0.55	Watt Reduced
LT208	New Linear LED Tube Fixture (High Bay ≥ 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT209	New Linear LED Tube Fixture (Low Bay < 15-Foot)	\$0.30	Watt Reduced
LT210	LED Screw-in Replacing HID	\$0.25	Watt Reduced
LT211	Signage Lighting Retrofit (Continuous Operation)	\$0.50	Watt Reduced
LT212	Signage Lighting Retrofit (Commercial Hours)	\$0.25	Watt Reduced

Select Appropriate Measure ID	Pre			Post			Total Watts Reduced (E) =(AxB)-(CxD)	Incentive/ Watt Reduced (F)	Total Incentive (ExF)
	# Of Fixtures (A)	# Of Lamps/ Fixture	Watts Per Fixture (B)	# Of Fixtures (C)	# Of Lamps/ Fixture	Watts Per Fixture (D)			
LED Model #									
LED Model #									
LED Model #									
LED Model #									
LED Model #									
LED Model #									
LED Model #									
LED Model #									
LED Model #									
Total Incentive									

Subtotal Lighting Incentive - Page 2

## Lighting

Check the [Buy Michigan Box](#)  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Trim Kits (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# of Units	LED Model #	Total Incentive
LT301	Trim Kits	\$8.00	Trim Kit			



### Non-Defined Lighting Measures (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive (A)	Unit
LT302	Lumens per Watt Improvement per Year**	\$0.09	kWh
LT303	Energy Conservation Improvement per Year	\$0.05	kWh

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

Brief Description of Existing Lighting System	Annual Hours of Operation (B)	Mean Lumens/Watt (C)	# Of Fixtures (D)	Watts Per Fixture (E)	Total Lumens (C x D x E=F)	Total Watts (D x E=G)	Total kWh/yr (B x G/1,000 =H)
<b>Totals</b>							

Brief Description of New Lighting System	Annual Hours of Operation (I)	Mean Lumens/Watt (J)	# Of Fixtures (K)	Watts Per Fixture (L)	Total Lumens (J x K x L=M)	Total Watts (K x L=N)	Total kWh/yr (I x N/1,000 =P)
<b>Totals</b>							

Electric Utility Rate (\$/kWh) (Q)	Project Cost (\$) (R)	Lumens/Watt of Existing System (F/G=S)	Lumens/Watt of New System (M/N=T)	Lumens/Watt Percent Improvement (T/S-1 = U)	Annual Savings kWh/yr (H-P=V)	Annual Cost Savings (\$/Yrs) (QxV=W)	Simple Payback Period (Yrs) (R/W)	Incentive Rate (\$/kWh) (A)	Total Incentive (VxA)
Total Awarded Incentive (Lesser of 1/2 Project Cost (R) or Total Incentive (V x A)) *Simple Payback Must Be Between 1 and 8 Years									




## Lighting

Check the **Buy Michigan Box**  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Lighting Power Density For New Construction Projects (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	New Fixture Measures	Incentive	Unit
LT401	Interior Lighting	\$0.30	Watt Reduced
LT402	Exterior Lighting	\$0.45	Watt Reduced
LT403	Parking Garage Lighting	\$0.80	Watt Reduced

	Building Type Description of Facility Space	Occupied Area (Ft <sup>2</sup> )	Total Allowed Watts (B)	Total Proposed Watts (C)	Total Watts Reduced (D=B-C)	Total Incentive (\$)	
Interior							
						(D x \$0.30)	
	Total						<input type="checkbox"/>
Exterior							
						(D x \$0.45)	
	Total						<input type="checkbox"/>
Parking Garage							
						(D x \$0.80)	
	Total						<input type="checkbox"/>
Total Incentive							


All lighting projects must comply with the Illuminating Engineering Society of North America (IESNA) recommended lighting levels or the local code.


Subtotal Lighting Incentive - Page 4

## Agriculture Lighting & HVAC

### Agriculture Lighting Systems Retrofit (Pre-Notification Required)


(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# of Units	Total Incentive	
AG211a	LED Grow Lights < 6,570 Annual Hours (Retrofit only)	\$0.70	Watt Reduced			
AG211b	LED Grow Lights ≥ 6,570 Annual Hours (Retrofit only)	\$1.00	Watt Reduced			
AG211c	LED Grow Lights < 6,570 Annual Hours (New construction only)	\$0.70	Watt Installed			<input type="checkbox"/>
AG211d	LED Grow Lights ≥ 6,570 Annual Hours (New construction only)	\$1.00	Watt Installed			<input type="checkbox"/>

Select Appropriate Measure	Pre			Post			Total Watts Reduced (E)=(AxB)-(CxD)	Incentive/ Watt Reduced (F)	Total Incentive (ExF)	
	# of Fixtures (A)	# of Lamps/ Fixture	Watts Per Fixture (B)	# of Fixtures (C)	# of Lamps/ Fixture	Watts Per Fixture (D)				
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
										<input type="checkbox"/>
Total Incentive										

### Indoor Agriculture


(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# of Units	Total Incentive	
AG214	Indoor Agriculture Dehumidification Units (> 155 pints/day capacity)	\$3.50	Pint/Day			<input type="checkbox"/>
AG215	HVAC Reduction in Indoor Agriculture Grow Rooms	\$0.15	Watt Reduced			<input type="checkbox"/>

## Lighting Controls

### Lighting Controls (\*Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	# of Sensors	Incentive	Unit	# of Units	Total Incentive	
LC104	Daylight Sensor Controls*		\$0.09	Watt Controlled			<input type="checkbox"/>

Subtotal Agricultural Incentive

Subtotal Lighting Control Incentive



## HVAC Variable Frequency Drives (\*Pre-Notification Required for motors over 100 HP)

(Consumers Energy Electric Customers)

ID	Measure	Incentive (A)	Unit (B)
VF101	VFD on HVAC Supply Fan up to 100 HP**	\$70.00	HP
VF102	VFD on HVAC Return Fan up to 100 HP**	\$70.00	HP
VF103	VFD on Cooling Tower Fan**	\$40.00	HP
VF104	VFD on HVAC Chilled Water Pump up to 100 HP**	\$60.00	HP
VF105	VFD on HVAC Hydronic Heating Water Pump up to 100 HP**	\$100.00	HP
VF106	VFD on HVAC Fans - Fixed Speed (54 Hz or less)*	\$50.00	HP
VF107	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass*	\$40.00	HP
VF108	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled*	\$25.00	HP
VF109	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass*	\$70.00	HP
VF110	VFD for HW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled*	\$40.00	HP
VF111	2 Speed RTU Supply Fan	\$20.00	Ton
VF112	VFD on Condenser Fan - HVAC	\$50.00	Ton of Load

VFD Application (See Above)	Installation Type (i)	Control Before VSD (ii)	Control Variable (iii)	Incentive Rate (See above) (A)	Controlled Motor Size (HP) (B)	Quantity (C)	Incentive (A x B x C)



### VFD Installation Type (I)

Code	Description	Code	Description
SFA	HVAC Supply Air Fan	CDWP	Condenser Water Pump
RFA	HVAC Return Air Fan	CW	Chilled Water Pump
BEF	Building Exhaust Fan	WSP	Domestic Water Pump
MAF	Make-up Air Fan	FWP	Boiler Feed Water Pump
CTF	Cooling Tower Fan	HW	Hydronic HVAC Pump
BDF	HVAC Boiler Draft Fan	PP	Pool Pump
FM	Other Fan (Specify):	PM	Other Pump (Specify):

### Control Before VFD (II)

Code	Description
DD	Discharge Damper
IGV	Inlet Guide Vanes
OCV	Outlet Control/Throttle Valve
BV	Bypass
ONF	ON/OFF
MISC	Other (Specify):

### Control Variable (III)

Code	Description
Temp	Temperature
P	Pressure
Flow	Volume Flow Rate
Misc	Variable Input

\*Pre-Notification required for motors over 100 HP (or Process Pumps or Fans greater than 50 HP). Please fill out the Variable Frequency Drive Worksheet in the Catalog Appendix.

\*\* Measure may be eligible for New Construction applications if fan HP < 10HP or pump HP < 50HP.

**Subtotal VFD Incentive - Page 1**

## Process Variable Frequency Drives (Up to 250 HP) (\*Pre-Notification Required for Motors over 50 HP)

(Consumers Energy Electric Customers)

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

\*Pre-Notification required for motors over 100 HP (or Process Pumps or Fans greater than 50 HP). Please fill out the Variable Frequency Drive Worksheet in the Catalog Appendix.

VFD Application (See Above)	Installation Type (i)	Control Before VFD (ii)	Control Variable (iii)	Incentive Rate (See above) (A)	Controlled Motor Size (HP) (B)	Quantity (C)	Incentive (A x B x C)

### VFD Installation Type (I)

Code	Description	Code	Description
SFA	HVAC Supply Air Fan	CDWP	Condenser Water Pump
RFA	HVAC Return Air Fan	CW	Chilled Water Pump
BEF	Building Exhaust Fan	WSP	Domestic Water Pump
MAF	Make-up Air Fan	FWP	Boiler Feed Water Pump
CTF	Cooling Tower Fan	HW	Hydronic HVAC Pump
BDF	HVAC Boiler Draft Fan	PP	Pool Pump
FM	Other Fan (Specify):	PM	Other Pump (Specify):

### Control Before VFD (II)

Code	Description
DD	Discharge Damper
IGV	Inlet Guide Vanes
OCV	Outlet Control/Throttle Valve
BV	Bypass
ONF	ON/OFF
MISC	Other (Specify):

### Control Variable (III)

Code	Description
Temp	Temperature
P	Pressure
Flow	Volume Flow Rate
Misc	Variable Input

**Subtotal VFD Incentive - Page 2**

## Integrated Variable Speed Motor (ECM) for Fans

(Consumers Energy Electric Customers)

ID	Measure	Incentive (A)	Unit	# of HP per Motor (B)	# of Motors (C)	Total Incentive (A x B x C)
VF301	Integrated Variable Speed Motor (ECM) for Furnaces, UVs, FCs and Light Duty AHUs (up to 7.5 HP)	\$100.00	HP			
VF302	Integrated Variable Speed Motor (ECM) for Exterior Condenser Fans	\$30.00	HP			

## Agricultural VFD

### Agricultural Miscellaneous VFDs (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit
AG304	VFD on Agricultural Fans (Operating Between 750-hrs./yr. to 2,000-hrs./yr.)	\$60.00	HP
AG305	VFD on Agricultural Fans (Operating More Than 2,000-hrs./yr.)	\$80.00	HP
AG306	VFD on Agricultural Pumps (Operating Between 750-hrs./yr. to 2,000-hrs./yr.)	\$40.00	HP
AG307	VFD on Agricultural Pumps (Operating More Than 2,000-hrs./yr.)	\$50.00	HP

Agriculture VFD Application (See Above)	Installation Type (i)	Control Before VFD (ii)	Control Variable (iii)	Incentive Rate (See above) (A)	Controlled Motor Size (HP) (B)	Quantity (C)	Incentive (A x B x C)



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Subtotal VFD Incentive - Page 3

Subtotal Agricultural Incentive

## HVAC Equipment

Check the [Buy Michigan Box](#)  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Split and Unitary Air Conditioning Systems

(Consumers Energy Electric Customers)

ID	Equipment	Size Category	Qualifying Efficiency	Incentive	Unit	ID	Equipment	Size Category	Qualifying Efficiency	Incentive	Unit
HV101a	Split Air Conditioning Systems	< 5.4 tons	15.0 SEER	\$30.00	Ton	HV101f	Unitary Air Conditioning Systems (RTU's)	< 5.4 tons	15.0 SEER	\$30.00	Ton
HV101b		≥ 5.4 to < 11.25 tons	12.0 EER/ 13.8 IEER	\$40.00	Ton	HV101g		≥ 5.4 to < 11.25 tons	12.0 EER/ 13.8 IEER	\$40.00	Ton
HV101c		≥ 11.25 to < 20 tons	12.0 EER/ 13.0 IEER	\$40.00	Ton	HV101h		≥ 11.25 to < 20 tons	12.0 EER/ 13.0 IEER	\$40.00	Ton
HV101d		≥ 20 to < 63 tons	10.6 EER/ 12.1 IEER	\$30.00	Ton	HV101i		≥ 20 to < 63 tons	10.6 EER/ 12.1 IEER	\$30.00	Ton
HV101e		> 63 tons	10.2 EER/ 11.4 IEER	\$30.00	Ton	HV101j		≥ 63 tons	10.2 EER/ 11.4 IEER	\$30.00	Ton

Equipment (See Above)	Make and Model	SEER, EER	IEER	Unit Size (Tons) (A)	Quantity (B)	Incentive per Ton (C)	Total Incentive (AxBxC)

### Air Conditioning

(Consumers Energy Electric Customers)

ID	Equipment Type	Size	Incentive	Unit	Unit Size Tons	Quantity	Total Incentive
HV106	Ductless Air Conditioning or Heat Pump System		\$50.00	Unit			

### Ground Source Heat Pump

(Consumers Energy Electric Customers)

ID	Equipment Type	Size	\$/ton 17 EER Base Incentive	\$/ton 0.1 EER Incentive	Quantity	Unit Size Tons	EER	Base Incentive	Incremental Incentive	Total Incentive
HV201	Ground Source Heat Pump	< 135 MBH (11.25 tons)	\$30.00	\$1.00						

## HVAC Equipment

Check the [Buy Michigan Box](#)  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Chillers

(Consumers Energy Electric Customers)

ID	Equipment Type	Size	Unit	Path A - FLV Reduction		Path B - IPLV Reduction		\$/Ton Base	\$/0.01 Reduction
				FLV (E)	IPLV	FLV	IPLV (H)		
HV203a	Air-Cooled Chillers	< 150 ton	kW/ton	1.19	0.88	1.24	0.76	\$7.00	\$2.00
HV203b		≥ 150 ton	kW/ton	1.19	0.86	1.24	0.75	\$7.00	\$2.00
HV204a	Water Cooled Positive Displacement (Screw) Chillers	< 75 ton	kW/ton	0.75	0.6	0.78	0.5	\$10.00	\$2.00
HV204b		≥ 75 ton and < 150 ton	kW/ton	0.72	0.56	0.75	0.49	\$10.00	\$2.00
HV204c		≥ 150 ton & < 300 ton	kW/ton	0.66	0.54	0.68	0.44	\$10.00	\$2.00
HV204d		≥ 300 ton & < 600 ton	kW/ton	0.61	0.52	0.63	0.41	\$10.00	\$2.00
HV204e		≥ 600 ton	kW/ton	0.56	0.5	0.59	0.38	\$10.00	\$2.00
HV205a	Water Cooled Centrifugal Chillers	< 150 ton	kW/ton	0.61	0.55	0.7	0.44	\$10.00	\$2.00
HV205b		≥ 150 ton & < 300 ton	kW/ton	0.61	0.55	0.64	0.4	\$10.00	\$2.00
HV205c		≥ 300 ton & < 400 ton	kW/ton	0.56	0.52	0.6	0.39	\$10.00	\$2.00
HV205d		≥ 400 ton & < 600 ton	kW/ton	0.56	0.5	0.59	0.38	\$10.00	\$2.00
HV205e		≥ 600 ton	kW/ton	0.56	0.5	0.59	0.38	\$10.00	\$2.00

Equipment Type	Made and Model	Size (tons) (A)	FLV (B)	IPLV (C)	# of chillers (D)	Path	\$/Ton (F)	\$/0.01 Reduction (G)	Base Incentive	Incremental Incentive	Incentive
HV201a	Air Cooled Reciprocating Chiller	100	1.15	0.75	1	Path A	\$7.00	\$2.00	\$700.00	\$800.00	\$1,500.00
Total Incentive											

### Industrial Fans (Pre-Notification Required)

ID	Equipment Type	Incentive	Unit	# of Units	Total Incentive
HV301	High-Volume, Low-Speed Fan (Consumers Energy Electric Customers)	\$400.00	Fan		
HV302	De-stratification Fan (Temperature Gradient Greater than 15°F) (Consumers Energy Natural Gas Customers)	\$0.20	Square Foot		

### Heating

(Consumers Energy Natural Gas Customers, unless otherwise stated)

ID	Hydronic Boiler*	Incentive	Input Unit	Quantity	Unit Size	Total Incentive
HV303	HVAC Boiler 88% to 89.9% Efficiency - Level 1	\$1.50	MBH			
HV304	HVAC Boiler at least 90% Efficiency - Level 2	\$2.00	MBH			

ID	Steam or Process Boilers*	Incentive	Input Unit	Quantity	Unit Size	Total Incentive
HV305	Process Steam Boilers (at Least 82% Efficient)	\$1.25	MBH			
HV306	HVAC Steam Boilers (at Least 82% Efficient)	\$2.00	MBH			
HV307	Process Hydronic (Water) Boilers (at Least 82% Efficient)	\$1.20	MBH			
HV308	High-Efficiency Pool Water Heater (at Least 84% Efficient)	\$2.00	MBH			





## HVAC Equipment


Check the [Buy Michigan Box](#)  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.


### Heating

(Consumers Energy Natural Gas Customers, unless otherwise stated)

ID	Unit Heater Type/AHU Type	Incentive	Input Unit	Quantity	Unit Size	Total Incentive	
HV309	High-Efficiency Unit Heater (at Least 92% Efficient)	\$3.99	MBH				<input type="checkbox"/>
HV310	High-Efficiency Unit Heater (at Least 95% Efficient)	\$7.91	MBH				<input type="checkbox"/>
HV311	Direct Fired Makeup Air Handling Units	\$1.50	MBH				<input type="checkbox"/>

ID	Condensing RTU	Incentive	Input Unit	Quantity	Unit Size	Total Incentive	
HV312	Condensing Rooftop Unit	\$25.00	MBH				<input type="checkbox"/>

ID	Infrared Heater Type (Pre-Notification Required)	Incentive	Input Unit	Quantity	Unit Size	Total Incentive	
HV313	Infrared Heaters (Consumers Energy Electric and Natural Gas Customers)	\$9.00	MBH				<input type="checkbox"/>
HV314	Infrared Heaters (Consumers Energy Natural Gas Customers)	\$5.00	MBH				<input type="checkbox"/>

ID	Furnaces	Incentive	Unit	Quantity	Unit Size (MBH)	Total Incentive	
HV315	High Efficiency Furnace ≤ 120 MBH, 92% AFUE	\$300.00	Furnace				<input type="checkbox"/>
HV316	High Efficiency Furnace > 120 MBH, 92% AFUE	\$350.00	Furnace				<input type="checkbox"/>
HV317	High Efficiency Furnace ≤ 120 MBH, 95% AFUE	\$325.00	Furnace				<input type="checkbox"/>
HV318	High Efficiency Furnace > 120 MBH, 95% AFUE	\$400.00	Furnace				<input type="checkbox"/>


Total HVAC Incentive

## Building Automation Systems

Check the **Buy Michigan Box**  only if the incentivized piece of equipment meets the Buy Michigan bonus specifications and we can verify the manufacturer affidavit.  qualifies New Construction.

### Boiler Controls (Pre-Notification Required)

(Consumers Energy Natural Gas Customers)

ID	Measure		Incentive	Input Unit	# of Units	Total Incentive	
BA301a	Optimized Boiler Plant Sequencing	HVAC	\$0.40	MBH			
BA301b		Process	\$1.00				
BA302a	Modulating Burner Control*	HVAC	\$0.80	MBH			<input type="checkbox"/>
BA302b		Process	\$1.25				<input type="checkbox"/>

\* Not eligible on new condensing boilers

## Building Envelope and Insulation


### Envelope (Pre-Notification Required)

ID	Measure	Incentive	Unit	# of Units	Total Incentive	
BE108	Cool (White) Roof (Consumers Energy Electric Customer Only)	\$0.02	Square Foot			<input type="checkbox"/>

## Miscellaneous Agricultural

### Agriculture

(Both Commercial and Residential Agricultural customers qualify for these measures)

ID	Greenhouse Measure (Pre-Notification Required) (Consumers Energy Natural Gas Customers)	Incentive	Unit	# of Units	Total Incentive	
AG105	Greenhouse Heat Curtains	\$0.25	Square Foot			<input type="checkbox"/>
AG107	Greenhouse Infrared Film Replacing a Double Layer with Double Layer	\$0.15	Square Foot			<input type="checkbox"/>
AG108	Greenhouse Environmental Controls	\$0.25	Square Foot			<input type="checkbox"/>
AG109	Greenhouse In-Floor Heating System (Without Heat Curtains)	\$0.50	Square Foot			<input type="checkbox"/>
AG110	Greenhouse In-Floor Heating System (With Heat Curtains)	\$0.25	Square Foot			<input type="checkbox"/>

Subtotal Building Automation Systems Incentive

Total Building Envelope and Insulation Incentive

Subtotal Agricultural Incentive

You know your business best. We'd like to work with you to find creative, custom and effective ways to upgrade the energy efficiency of your operations. We'll support your efforts with rebates based on the amount of energy you save over your base annual energy use.

Eligible natural gas customers will receive \$12 per Mcf of natural gas saved, up to \$500,000 each year with an additional 50% of calculated rebates above \$500,000. Consumers Energy electric customers will receive \$0.10 per kWh of electrical energy saved per year, up to \$2 million across all facilities per customer. All custom incentives are capped at 50% of the total project cost. "The Business Energy Efficiency Program is one of several programs designed to help you save energy and money while protecting the plant. Together, we can take an active role in building a clean energy future for Michigan. Learn more at [MIDCleanEnergy.com](http://MIDCleanEnergy.com).

## Pre-Notification for All Custom Incentives is REQUIRED

Please attach supporting documentation as described in the Consumers Energy Business Energy Efficiency Program's Incentive Catalog and/or the program Policies and Procedures Manual.

### Step 1: Summary (Please Use One Custom Page Per Custom Measure)

Description	
Before Retrofit ***	After Retrofit

### Step 2: Energy Savings Summary

ID	Service	Unit	Current Energy Cost (\$/Unit)	Annual Savings (Units/Yr) (A)	Incentive Rate (\$/Unit) (B)	Calculated Incentive (A x B)	Project Cost	Simple Payback Period*	Total Custom Incentive
CU101	Electric	kWh			\$0.10				
CU102	Natural Gas****	Mcf			\$12.00				



### Step 3: Miscellaneous Data

Annual Hours of Operation (Hours/Yr)	Estimated Measure Life (Years)	Peak Demand Electrical Savings (kW)

### Step 4: Executive Summary (Please Define Project Scope in Further Detail)

**Total Awarded Incentive \*\***

\* Payback period must be greater than or equal to one and less than or equal to eight years to receive the incentive.

\*\* Total Awarded Incentive cannot exceed 50% of the total custom project cost or customer annual limits.

\*\*\* If New Construction, the baseline shall be in accordance with Michigan Energy Code or standard customary practice.

\*\*\*\* Natural Gas custom incentives are awarded at 100% of the calculated incentive up to \$500,000 and 50% above \$500,000.

**Total Custom Incentive**

As an eligible Consumers Energy customer, I certify the indicated energy efficiency measures were installed during the 2022 program year. The energy optimization measures are installed in a qualifying facility, with a qualifying account, paying the Energy Waste Reduction surcharge and not for resale. Additional program Terms and Conditions may be found in the Policy and Procedures Manual available at [ConsumersEnergy.com/startsaving](https://ConsumersEnergy.com/startsaving).

I understand that in the event the application received a reservation, that reservation is not a guarantee of payment. Incentive payment will be based upon the final application meeting the Program Terms and Conditions.

Selected Terms and Conditions include, but are not limited to:

- Project funds are reserved for 90 days from the date of the reservation letter (18 months for New Construction projects). Inside the 90-day and 18-month time-frame, you must submit your Final Application within 60 days of your project completion.
- The program has a limited budget, but is an annual program. Applications will be processed until allocated funds are fully subscribed or spent each program year. Incentive amounts are subject to change at any time within the program year; however, reserved incentive amounts will be honored within a program year.
- New Construction final applications must be received by November 30 of the program year to qualify for the current year's funding. Multi-year project incentives may vary in accordance with program year changes.
- All equipment must be purchased and installed prior to submitting the Final Application.
- All equipment installed must meet the minimum specifications as stated in the Incentive Catalog and in the Program Terms and Conditions. Failure to meet the minimum specifications will result in disqualification of the measure or incentive payment.
- Applicant agrees to inspection and measurement activities by the utility or its representatives of both project payment and equipment installation for up to five (5) years from the project completion date.
- Incentives may be taxable, and the applicant is solely responsible for the payment of any resulting taxes. Incentives will be reported to the IRS, unless applicant is a corporation or tax exempt.
- From the project completion date the applicant may be required to refund some or all of the incentives if the measures do not remain (or were not) installed for a period of five (5) years or the end of the product life, whichever is less.
- All materials removed, including lamps and PCB ballasts, must be taken out of service permanently and disposed of in accordance with local, state and federal codes and ordinances. The Applicant is responsible for being aware of any applicable codes or ordinances. Information about hazardous waste disposal may be found at: [michigan.gov/deq/](https://michigan.gov/deq/).
- For certain measures, the incentive amount will be determined based on the estimated energy savings. The Applicant may be required to provide documentation on energy savings calculations and assumptions. Consumers Energy will make the final determination of the energy savings and thus the incentive amount to be paid.
- Consumers Energy has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measure.
- I have read and understand the program requirements, Measure Specifications and Program Guidelines set forth in this Application, the Incentive Catalog and the program Policy and Procedures Manual and agree to abide by those requirements. Furthermore, I concur that I must meet all eligibility criteria in order to be paid under this program and not receive incentives from any other utility for the same project.
- I certify that the information on this application is true and accurate. I understand that Consumers Energy and its authorized agents may utilize my account information and project scope to evaluate my Application for compliance with the program Policy and Procedures Manual. I authorize Consumers Energy to utilize certain information including, my company name, energy savings and incentive value for regulatory and promotional purposes. If I choose to subsequently opt out of any recognition, I must indicate this choice in a written letter to the Consumers Energy Business Energy Efficiency Programs team.
- Reserved incentive amounts are not guaranteed and the actual amounts will be based on a review of the final application and supporting documentation (and may be capped at the reserved amount).
- The final incentive amount will be based on the program requirements for the program year for which the incentive is paid.
- We are committed to keeping your email address confidential. We will never sell, rent, or lease our subscription lists to third parties, and we will not provide your personal information to any third party individual, government agency, or company at any time unless compelled to do so by law.
- We will use your email address solely to provide timely information about the Consumers Energy Business Energy Efficiency program and your projects.
- In compliance with the CAN-SPAM Act, all email sent from our organization will clearly state who the e-mail is from and provide clear information on how to contact the sender. In addition, all email messages will also contain concise information on how to remove yourself from our mailing list so that you receive no further email communication from the Consumers Energy Business Energy Efficiency Program.



**877-607-0737**

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