

2023 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-23-**_____

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"/> Municipality/Assembly | <input type="checkbox"/> Full Service Restaurant |
| <input type="checkbox"/> Convenience Store | <input type="checkbox"/> School (K-8) | <input type="checkbox"/> Large Office | <input type="checkbox"/> Quick Service Restaurant |
| <input type="checkbox"/> Grocery | <input type="checkbox"/> University/College | <input type="checkbox"/> Small Office | <input type="checkbox"/> Warehouse |
| <input type="checkbox"/> Data | <input type="checkbox"/> Hospital | <input type="checkbox"/> Religious | <input type="checkbox"/> Other _____ |
- Facility Size (Area) _____ ft²

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 _____ Email _____

Rebate Admin Name & Email _____

* 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 -

Final Application/Customer Signature

Measure Category	Category Total (Before)	Buy Michigan
Agricultural		
Custom		

Incentive Totals	
Measure Subtotal	
20% 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
--------------------------	-------

Mailing Address

City	State	ZIP
------	-------	-----

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 full Incentive Catalog as resources to successfully fill out this application. This information can be found at: ConsumersEnergy.com/startsaving.

Print This Form

UL Type A, B, and Dual Mode (DM) Interior Linear LED Tube Lights* (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"/>

UL Type C Interior Linear LED Tube Lights* (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 Interior T8 or T12 Fluorescent 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	\$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 lamp holders to connect the TLED 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 and the existing fluorescent ballast is bypassed or removed. TLEDs have internal drivers and run off line voltage.

UL Type C: TLEDs are connected to the low voltage side of a new TLED external driver and 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 TLEDs.

Subtotal Lighting Incentive - Page 1

LED Lighting Fixtures and Lamps (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	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	Interior Linear LED Tube Light Fixture (High Bay ≥ 15-Foot)	\$0.55	Watt Reduced
LT208	Interior Linear LED Tube Light Fixture (High Bay ≥ 15-Foot) Continuous Operation	\$1.00	Watt Reduced
LT209	Interior Linear LED Tube Light Fixture (Low Bay < 15-Foot)	\$0.30	Watt Reduced
LT210	Screw-in LED Lamp Replacing HID Lamp	\$0.25	Watt Reduced
LT211	Signage and Canopy Decorative/Security LED Lighting (Continuous Operation)	\$0.50	Watt Reduced
LT212	Signage and Canopy Decorative/Security LED Lighting (Commercial Hours)	\$0.25	Watt Reduced

Select Appropriate Measure ID	Pre			Post			Total Watts Reduced (E)= (AxB)-(CxD)	Incentive (See Above) (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

Interior LED Trim Kits and Downlight Fixtures (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit	# of Units	LED Model #	Total Incentive
LT301	Interior LED Trim Kits and Downlight Fixtures	\$8.00	Trim Kit/ Downlight			

Non-Defined LED Lighting (Pre-Notification Required)



(Consumers Energy Electric Customers)

ID	Measure	Incentive (A)	Unit
LT302	Lumens per Watt Improvement (Mean Efficacy Increase $\geq 5\%$)	\$0.09	kWh
LT303	Energy Conservation Improvement (Mean Efficacy Increase $< 5\%$)	\$0.05	kWh

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

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

Electric Utility Rate (\$/kWh) (Q)	Project Cost (\$) (R)	Existing System Lumens/Watt (S)=(F/G)	New System Lumens/Watt (T)=(M/N)	Lumens/Watt Percent Improvement (U)=(T/S-1)	Annual kWh Savings (V)=(H-P)	Annual Cost Savings (\$/yr) (W)=(QxV)	Simple Payback Period (yrs) (R/W)	Incentive (See Above) (\$/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 15 Years									

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. This  means equipment qualifies for New Construction.

New Construction LED Lighting Power Density (Pre-Notification Required)
(Consumers Energy Electric Customers)

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

	Description of Facility Space	Occupied Area (Ft ²)	Total Allowed Watts (B)	Total Proposed Watts (C)	Total Watts Reduced (D)=(B-C)	Total Incentive (\$)
Interior						
						(D x \$0.30)
	Total					
Exterior						
						(D x \$0.45)
	Total					
Parking Garage						
						(D x \$0.80)
	Total					
Total Incentive						

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

Subtotal Lighting Incentive - Page 4

For internal use only			
	Allowed	Proposed	Reduction
Tradeable watts			
Non-tradeable watts			

Agriculture Lighting & HVAC

LED Lighting Systems (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit
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
AG212	Dairy Long Day Lighting System (Interior LED Lighting)	\$0.70	Watt Reduced
AG213	Poultry LED Lighting Systems	\$0.70	Watt Reduced

Select Appropriate Measure	Pre			Post			Total Watts Reduced (E)= (AxB)-(Cx D)	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)			

Indoor Agriculture (Pre-Notification Required)

(Consumers Energy Electric Customers) (NC means new construction only)

ID	Measure	Incentive (A)	Unit	# of Fixtures or Dehumidifiers (B)	Watts/ Fixture or Pints/Day (C)	Total Watts or Pints/Day (D)=(BxC)	Total Incentive (Ax D)
AG211c	LED Grow Lights < 6,570 Annual Hours (NC)	\$0.70	Watt Installed				
AG211c	LED Grow Lights < 6,570 Annual Hours (NC)	\$0.70	Watt Installed				
AG211c	LED Grow Lights < 6,570 Annual Hours (NC)	\$0.70	Watt Installed				
AG211d	LED Grow Lights ≥ 6,570 Annual Hours (NC)	\$1.00	Watt Installed				
AG211d	LED Grow Lights ≥ 6,570 Annual Hours (NC)	\$1.00	Watt Installed				
AG211d	LED Grow Lights ≥ 6,570 Annual Hours (NC)	\$1.00	Watt Installed				
AG214	Indoor Agriculture Dehumidification Units (> 155 pints/day) ¹	\$3.50	Pint/Day				
AG215	Indoor Agriculture Grow Room LED Lighting HVAC Savings ^{1,2}	\$0.15	Watt Reduced				

¹Only indoor grow rooms that operate year-round are eligible for this measure.

²Must utilize mechanical cooling, combine with AG211a-d. Enter "Total Watts Reduced" from above for AG211a-b (we will calculate/enter for AG211c-d).

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		



*Measure may be eligible for New Construction applications if daylight sensor controls are not required by code.

(consult Incentive Catalog, ASHRAE 90.1- 2013 and local building codes).

Subtotal Incentive - Page 5

Total Lighting & Indoor Agriculture Incentive

Variable Frequency Drives (VFD)

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. This  means equipment qualifies for New Construction.

HVAC Variable Frequency Drives

(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 HVAC Cooling Tower Fan up to 100 HP*	\$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) up to 100 HP*	\$50.00	HP
VF107	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass up to 100 HP*	\$40.00	HP
VF108	VFD on CW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled up to 100 HP*	\$25.00	HP
VF109	VFD on HW HVAC Pumps - Fixed Speed (54 Hz or less) Bypass up to 100 HP*	\$70.00	HP
VF110	VFD for HW HVAC Pumps - Fixed Speed (54 Hz or less) Throttled up to 100 HP*	\$40.00	HP
VF111	2-Speed RTU Supply Fan*	\$20.00	Ton
VF112	VFD on HVAC or Grocery Store Refrigeration System Condenser Fan*	\$50.00	Ton of Load

*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).

VFD Application (See Above)	Installation Type (I)	Control Before VFD (II)	VFD Control Variable (III)	Incentive (See Above) (A)	Unit Size (HP or Tons) (See Above) (B)	Quantity (C)	Total 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	Makeup Air Fan	FWP	Boiler Feedwater 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):

VFD Control Variable (III)

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

Subtotal VFD Incentive - Page 1

Variable Frequency Drives (VFD)

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. This  means equipment qualifies for New Construction.

Process VFDs (Up to 250 HP) (**Pre-Notification Required for Motors over 50 HP- see Incentive Catalog)

(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) up to 250 HP**	\$75.00	HP
VF206	VFD on Process Pump - Fixed Speed (54 Hz or less) up to 250 HP**	\$100.00	HP
VF207	VFD on Data Center, Telecom, or Computer Room Air Conditioning (CRAC) System*	\$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 on Industrial Vacuum Pump System up to 25 HP	\$20.00	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).

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

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

VFD Application (See Above)	Installation Type (I)	Control Before VFD (II)	VFD Control Variable (III)	Incentive (See Above) (A)	Unit Size (HP) (See Above) (B)	Quantity (C)	Total 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	Makeup Air Fan	FWP	Boiler Feedwater 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):

VFD Control Variable (III)

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

Subtotal VFD Incentive - Page 2

Variable Frequency Drives (VFD)

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. This  means equipment qualifies for New Construction.

Integrated Variable Speed Motor (e.g. 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 (e.g. ECM) for Furnace, UV, FC, and Light Duty AHU Fans (up to 7.5 HP)*	\$100.00	HP			
VF302	Integrated Variable Speed Motor (e.g. ECM) for Exterior Condenser Fans*	\$30.00	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).

Agricultural Variable Frequency Drives (VFD)

Miscellaneous Variable Frequency Drives (Pre-Notification Required)

(Consumers Energy Electric Customers)

ID	Measure	Incentive	Unit
AG304	VFD on Agricultural Fans (Operating 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 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 (See Above) (A)	Controlled Motor Size (HP) (B)	Quantity (C)	Total Incentive (A x B x C)



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Subtotal VFD Incentive - Page 3

Total VFD Incentive

HVAC Equipment

Split and Unitary Air Conditioning Systems

(Consumers Energy Electric Customers)

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. This  means equipment qualifies for New Construction.

ID	Equipment Type	Size Category	Qualifying Efficiency	Incentive	Unit	ID	Equipment Type	Size Category	Qualifying Efficiency	Incentive	Unit
HV101a	Split Air Conditioning Systems (e.g. RTU)	< 5.4 tons	15.0 SEER	\$30.00	Ton	HV101f	Unitary Air Conditioning Systems (e.g. RTU)	< 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 Type (See Above)	Make and Model		SEER/ EER	IEER	Unit Size (Tons) (A)	Quantity (B)	Incentive (See Above) (C)	Total Incentive (AxBxC)			

Packaged Terminal and Ductless Air Conditioners

(Consumers Energy Electric Customers)

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

Ground-Loop Heat Pump

(Consumers Energy Electric Customers)

ID	Equipment Type	Size	\$/ton Base Incentive (17 EER / 3.5 COP) (A)	\$/ton Incr. Incentive (0.1 EER/ COP) (B)	Quantity (C)	Unit Size (Tons) (D)	EER/ COP (E)	Base Incentive (F)= (AxCxD)	Incremental Incentive (G)*	Total Incentive (F+G)
HV201	Ground-Loop Heat Pump	< 135 MBH (11.25 tons)	\$30.00	\$1.00						

*G = B x [(E - (17 EER or 3.5 COP) / 0.1]

High-Efficiency Air- and Water-Cooled 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	Water Cooled Centrifugal Chillers	≥ 600 ton	kW/ton	0.56	0.5	0.59	0.38	\$10.00	\$2.00
HV205a		< 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	Total 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											

**Total incentive per ton equals the qualifying base incentive per ton plus the maximum incentive per efficiency increase. The incentive per efficiency increase can be calculated as a maximum incentive between Path A or Path B. For example: One 100-ton air-cooled chiller at 0.75 kW/ton IPLV and 1.15 kW/ton FLV
 Base incentive: (A x D x F) or 100 tons x 1 x \$7/ton = \$700
Path A: Full load incentive: (A x D x [(E - B)/0.01] x G) or (100 tons x 1 x [(1.19 - 1.15)/0.01] x \$2.00 = \$800
Path B: Part load incentive: (A x D x [(H - C)/0.01] x G) or (100 tons x 1 x [(0.76 - 0.75)/0.01] x \$2.00 = \$200
Total Incentive: \$700 + Maximum (\$200, \$800) = \$900 or \$1,500

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. This  means equipment qualifies for New Construction.


Industrial Fans (Pre-Notification Required)

ID	Fan Type	Incentive	Unit	# of Units	Total Incentive	
HV301	High-Volume, Low-Speed Fan (Consumers Energy Electric Customers)	\$400.00	Fan			<input type="checkbox"/>
HV302	Destratification Fan (Temperature Gradient Greater than 15°F) (Consumers Energy Natural Gas Customers)	\$0.20	Square Foot			<input type="checkbox"/>


Space and Process Heating


(Consumers Energy Natural Gas Customers, unless otherwise stated)


ID	HVAC Hydronic Boiler Type*	Incentive (A)	Input Unit	Quantity (B)	Unit Size (C)	Total Incentive (AxBxC)	
HV303	HVAC Boiler - Level 1 (88% to 89.9% Efficiency)	\$1.50	MBH				<input type="checkbox"/>
HV304	HVAC Boiler - Level 2 (at least 90% Efficiency)	\$2.00	MBH				<input type="checkbox"/>


ID	HVAC Steam or Process Boiler Type*	Incentive (A)	Input Unit	Quantity (B)	Unit Size (C)	Total Incentive (AxBxC)	
HV305	Process Steam Boilers (at Least 82% Efficiency)	\$1.25	MBH				<input type="checkbox"/>
HV306	HVAC Steam Boilers (at Least 82% Efficiency) >300 MBH	\$2.00	MBH				<input type="checkbox"/>
HV307	Process Hydronic (Water) Boilers (at Least 82% Efficiency)	\$1.20	MBH				<input type="checkbox"/>
HV308	High-Efficiency Pool Water Heater (at Least 84% Efficiency)	\$2.00	MBH				<input type="checkbox"/>

*Type of efficiency varies between AFUE, thermal or combustion based upon boiler size. Reference the program catalog for additional details.

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



ID	RTU Type	Incentive (A)	Input Unit	Quantity (B)	Unit Size (C)	Total Incentive (AxBxC)	
HV312	Condensing Rooftop Unit	\$25.00	MBH				<input type="checkbox"/>

ID	Infrared Heater Type (Pre-Notification Required)	Incentive (A)	Input Unit	Quantity (B)	Unit Size (C)	Total Incentive (AxBxC)	
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	Furnace Type	Incentive (A)	Input Unit	Quantity (B)	Unit Size (C)	Total Incentive (AxB)	
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"/>


Subtotal HVAC Equipment Incentive - Page 3

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. This  means equipment qualifies for 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			<input type="checkbox"/>
BA301b		Process	\$1.00				<input type="checkbox"/>
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

Greenhouse (Pre-Notification Required)

(Consumers Energy Natural Gas Customers)

ID	Measure	Incentive	Unit	# of Units	Total Incentive	
AG105	Heat Curtains	\$0.25	Square Foot			<input type="checkbox"/>
AG107	Infrared Film Replacing a Double-Layer Roof with a Double-Layer Roof	\$0.15	Square Foot			<input type="checkbox"/>
AG108	Environmental Controls	\$0.30	Square Foot			<input type="checkbox"/>
AG109	Floor or Bench Heating System (Without Heat Curtains)	\$0.50	Square Foot			<input type="checkbox"/>
AG110	Floor or Bench Heating System (With Heat Curtains)	\$0.25	Square Foot			<input type="checkbox"/>

Total Page 15 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 [MICleanEnergy.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 15 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.

As an eligible Consumers Energy customer, I certify the indicated energy efficiency measures were installed during the 2023 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.

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/egle.
- 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.



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