

CONSUMERS ENERGY BUSINESS ENERGY EFFICIENCY PROGRAM

2016 Incentive Application



**HELPING MICHIGAN BUSINESSES SAVE ENERGY.
THAT'S OUR PROMISE.**

December 2015

Consumers Energy

Count on Us[®]



NEED HELP ?

Call 877-607-0737

or Email: ConsumersEnergyBusinessSolutions@CMSEnergy.com

Our team is ready to help you with any questions you may have.

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About This Application

Consumers Energy Business Energy Efficiency Program offers incentives to help businesses reduce electricity use by improving the efficiency of their equipment. Prescriptive incentives are cash incentives for implementing many common energy efficiency improvements. Custom incentives are cash incentives for making energy efficiency improvements not covered by Prescriptive incentives.

All Consumers Energy commercial and industrial customers are eligible for Prescriptive and Custom incentives.

How to Apply

1 CHECK PROJECT AND EQUIPMENT ELIGIBILITY

- All installed equipment must meet or exceed specifications described in the Program Catalog available at www.ConsumersEnergy.com/mybusiness

2 SUBMIT A PRE-NOTIFICATION APPLICATION

- A Pre-Notification Application is required for most projects, including all Custom projects and New Construction projects. Check the Incentive Application and the Program Catalog for the measures you plan to install to see if a Pre-Notification Application is required.
- Wait until your application is approved before starting your project. You will receive a reservation letter stating your project has been approved and the amount of incentive reserved.

3 INSTALL EQUIPMENT OR PERFORM PROJECT WORK

- The incentive reservation allows you 90 days to complete your project. Contact the Business Energy Efficiency program team if you think your project will require more than 90 days.
- New Construction projects must complete the work within 18 months of an incentive reservation.

4 SUBMIT A FINAL APPLICATION

- Submit a Final Application as soon as your project is completed and any required measurement and verification (M&V) data is collected. Final applications must be submitted within 60 days of project completion.

5 RECEIVE INCENTIVE PAYMENT

- When your Final Application is approved by the Business Energy Efficiency team, an incentive check will be mailed to you or your designee. Checks are typically mailed within 6 to 8 weeks.

 **DIRECTIONS:** Please save a copy of this form to your computer by selecting "FILE/SAVE AS" before entering text and numbers. Then fill in your information electronically and select "SAVE." Note that this form requires Adobe Reader® version 11.0 to function properly. Download the most recent version of Adobe Reader® at <http://get.adobe.com/reader>.

A Complete the PRE-NOTIFICATION APPLICATION if you are applying for a project that requires pre-notification.

B Complete the FINAL APPLICATION if your project was completed within the last 60 days.

Application Checklist

PRE-NOTIFICATION APPLICATION

  Attach the following (incomplete applications will not be processed)

- 1. Completed Applicant Information (page 6 of this application).
- 2. Supporting Documentation (detailed description of project and equipment per measure specifications in the program catalog).
- 3. Specification sheets for all proposed equipment.
- 4. Business Energy Efficiency Measure Worksheets for incentives requested.

NEW CONSTRUCTION PRE-NOTIFICATION APPLICATION

  Attach the following (incomplete applications will not be processed): New constructions projects **MUST** complete a pre-notification application. Final applications will **NOT** be accepted without a pre-notification.

Measures that qualify for New Construction are designated by a “” symbol on the left of the measure.

- 1. Completed Applicant Information (page 6 of this application).
- 2. Supporting Documentation (detailed description of project and equipment per measure specifications in the program catalog).
- 3. Specification sheets for all proposed equipment.
- 4. Business Energy Efficiency Measure Worksheets for incentives requested.

FINAL APPLICATION

  Attach the following (incomplete applications will not be processed)

- 1. Completed Applicant Information (page 6 of this application) Customer Signature page and/or Payment Release. (page 7 of this application).
- 2. Dated and itemized invoices listing the type and quantity of installed equipment.
- 3. Scope of work depicting the type and quantity of installed equipment (as necessary).
- 4. Specification sheets for installed equipment, if different from previously submitted.
- 5. Business Energy Efficiency Measure Worksheets for incentives requested.
- 6. Copy of payee's W-9.

Submit Application by **ONE** of the following methods:

Mail: Consumers Energy Business Energy Efficiency Program

Phone: (877) 607-0737

P.O. Box 1040 Okemos, MI 48805

Fax: (877) 607-0738

Email: consumersenergybusinesssolutions@CMSEnergy.com

Submit Button: located on respective Interactive PDF pages

Incentive Caps And Limits

Incentives are subject to limits in order to encourage equitable distribution of the funds among as many Consumers Energy customers as possible. Incentive caps are annual and are calculated based upon which program year the incentive is paid to the customer.

Customer Annual Limits

The amount of incentives a facility or customer can receive is limited. A facility is defined as contiguous property for which a single customer 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.

Prescriptive Incentives	100 percent of the calculated incentive up to \$200,000 per facility 50 percent of the calculated incentive above \$200,000 per facility 75 percent of the total project cost
Custom Incentives	100 percent of the calculated incentive up to \$200,000 per facility 50 percent of the calculated incentive above \$200,000 per facility 50 percent of the total project cost
Customer Incentive Limit	\$1,000,000 across all facilities per customer
Large Gas Customers (>100,000 MCF/yr. usage)	\$100,000 per unique project (capped at \$250,000 per facility) (Only applies to gas incentives)

Bonus Incentives

Buy Michigan Bonus

Customers who use Michigan Made products in their energy saving projects may be eligible for an additional bonus incentive. This bonus is only for full unit replacements, not retrofit projects. An affidavit from the manufacturer attesting the product's eligibility is required. For more information about this bonus, go to: ConsumersEnergy.com/mybusiness.

Multiple Measure Bonus

The Multiple Measure Bonus program offers an additional bonus incentive on total application incentive when a customer submits a single application containing measures in more than one category. Categories are defined as: Lighting; Lighting Controls; VFDs; Compressed Air; Miscellaneous Electric; HVAC & Heating Equipment; Domestic Water Heater; Building Automation Systems; Advanced Air Distribution & Energy Recovery; Laboratory; Tune Up/Maintenance; Kitchen/Refrigeration/Laundry; Building Envelope & Insulation; Pipe & Ductwork Insulation; Agricultural; and Custom. Deep dive energy efficiency projects help the customer to realize a more significant reduction in energy usage, as well as, promote a variety of energy efficiency measures across an entire facility.

Bonus measure eligibility:

- Customers must submit a single application with energy efficiency projects in more than one category
- Customer final applications submitted from December 1, 2015 through November 30, 2016 may be eligible to participate in the program

To qualify for the bonus, no single category of incentives may be valued at more than 75 percent of the total sum of incentives on the Application. For more information about this bonus, see the Program Application.

Applicant Information

Type of Application: Retrofit Project New Construction

Who should we call with questions about the application? Customer Technical Contact

This is my: Pre-Notification Application Final Application Revised Application PROJECT # CE-16-_____

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

Company Name (as it appears on W-9)* _____

Contact Name _____ Title _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Consumers Energy Gas Account Number (at Project Location)

Consumers Energy Electric Account Number (at Project Location)

Primary Business Type

- | | | | | | |
|---|---|--|---|------------------------------------|---|
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> School (K-12) | <input type="checkbox"/> Fast Food Restaurant | <input type="checkbox"/> Small Office | <input type="checkbox"/> Warehouse | Facility Size (Area) ft ²
_____ |
| <input type="checkbox"/> Assembly (worship) | <input type="checkbox"/> High School | <input type="checkbox"/> Full Service Restaurant | <input type="checkbox"/> Large Office | <input type="checkbox"/> Other | |
| <input type="checkbox"/> Big Box Retail | <input type="checkbox"/> College/University | <input type="checkbox"/> Hospital | <input type="checkbox"/> Heavy Industrial | | |
| <input type="checkbox"/> Small Retail | <input type="checkbox"/> Grocery | <input type="checkbox"/> Hotel | <input type="checkbox"/> Light Industrial | | |
| | | | | | |

Customer Tax Information (Required for all applications)

Tax Status** Corporation (Inc., PC, Etc.) Tax-Exempt LLC Individual Other (May receive 1099)

Tax ID Number: Depending on tax status please provide EITHER your EIN/Federal Tax ID or Social Security Number below:

EIN/Federal Tax ID

-

OR

Social Security Number

- -

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 _____ Contact Name _____

Email _____ Title _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

- ▶ * Company name as it appears on your W-9.
- ▶ ** W-9 must be provided for payee with application.

Final Application / Customer Signature

MEASURE CATEGORY	MEASURE TOTAL (BEFORE)	MULTI-MEASURE %	BUY MICHIGAN
Lighting			
Lighting Controls			
Variable Frequency Drives (VFD)			
Compressed Air			
Miscellaneous Electric			
HVAC & Heating Equipment			
Domestic Water Heater			
Building Automation Systems			
Advanced Air Dis. & Energy Recovery			
Laboratory			
Tune Up/Maintenance			
Kitchen/Refrigeration/Laundry			
Building Envelope & Insulation			
Pipe And Ductwork Insulation			
Agricultural			
Custom			

INCENTIVE TOTALS	
Measure Subtotal	
20% Multi-measure bonus	
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. Checks will be made out to name of applicant's business unless payment is released as below.

Incentive Requested		
Total Project Cost	Total Incentive Requested	Actual Completion Date
Company Name*	Project # CE-16-	
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 am authorizing 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 _____

Check should be made payable to:

Individual/Company Name* _____ Phone # _____

Mailing Address _____

City _____ State _____ Zip _____

Tax Status** Corporation (Inc., PC, Etc.) Tax-Exempt LLC Individual Other (May receive 1099)

Tax ID Number: Depending on tax status please provide EITHER your EIN/Federal Tax ID or Social Security Number below:

EIN/Federal Tax ID

Social Security Number

-

OR

- -

▶ 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.

Terms and Conditions

As an eligible Consumers Energy customer, I certify the indicated energy efficiency measures were installed during the 2016 program year. The energy optimization measures are installed in a qualifying facility and not for resale. Additional Program Terms and Conditions may be found in the Policy and Procedures Manual available at ConsumersEnergy.com/mybusiness.

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). Final applications and all required documentation must be received within 60 days of 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 30th 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.
- 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 corporation or exempt.
- 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: www.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 opt out of any recognition, I must indicate this choice in a written letter to the Consumers Energy Business Energy Efficiency 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 year which the file is paid.

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.

Lighting

(Consumers Energy electric customers)

Light-Emitting Diode (LED) Lighting

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
LED PAR Replacing Halogen PAR	\$10.00	Lamp		
LED MR16 Replacing Halogen MR16	\$7.00	Lamp		
LED A-Series Replacing Incandescent A-Series	\$7.50	Lamp		
LED Candelabra and Globe Replacing Incandescent Candelabra and Globe	\$5.00	Lamp		
LED BR-Series Replacing Incandescent BR-Series	\$10.00	Lamp		
LED Lamps with WiFi Controls	\$7.50	Lamp		



Compact Fluorescent Lights (CFL)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
CFL-Screw-in (30W or less)	\$2.00	Lamp		
CFL-Screw-in (31W to 115W)	\$5.00	Lamp		
CFL-Dimmable or 3-Way	\$8.00	Lamp		



Exit Signs, Retrofit, or Replacement

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
LED, T1, or Electroluminescent Exit Signs	\$12.50	Fixture		



Fluorescent Lighting Retrofits

LINEAR FLUORESCENT RETROFIT	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
2-Foot T12 to T8 or T5 (with Ballast)	\$1.50	Lamp		
3-Foot T12 to T8 or T5 (with Ballast)	\$2.50	Lamp		
4-Foot T12 to CEE T8 (with Ballast)	\$1.00	Lamp		
4-Foot Standard T8 to Reduced Wattage CEE T8 (lamp only)	\$0.75	Lamp		
8-Foot T12 to Two (2) 4-Foot CEE T8	\$3.00	8-Foot Lamp Replaced		
8-Foot T12 HO to Two (2) 4-Foot CEE T8	\$7.00	8-Foot Lamp Replaced		



▶ NOTE: T12 fluorescent 4-Foot and 8-Foot lighting systems (including U-tube) to standard T8 fluorescent lighting systems are NOT eligible for an incentive

PERMANENT LAMP REMOVAL (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
T8 or T12 2-Foot Lamp Removal (combined with T8/ballast retrofit)	\$4.00	Lamp Removed		
T8 or T12 3-Foot Lamp Removal (combined with T8/ballast retrofit)	\$4.00	Lamp Removed		
T8 or T12 4-Foot Lamp Removal (combined with T8/ballast retrofit)	\$5.00	Lamp Removed		
T8 or T12 8-Foot Lamp Removal (combined with T8/ballast retrofit)	\$8.00	Lamp Removed		
LED TUBE LIGHTS (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
2-Foot T12 to 2-Foot LED Tube Light	\$2.50	Lamp		
2-Foot T8 to 2-Foot LED Tube Light	\$1.00	Lamp		
4-Foot T12 to One (1) 4-Foot LED Tube Light	\$5.00	Lamp		
4-Foot T8 to One (1) 4-Foot LED Tube Light	\$2.50	Lamp		
8-Foot T12 to Two (2) 4-Foot LED Tube Light	\$10.00	8-Foot Lamp Replaced		
8-Foot T8 to Two (2) 4-Foot LED Tube Light	\$5.00	8-Foot Lamp Replaced		



All lighting projects are expected to comply with the Illuminating Engineering Society of North America (IESNA)-recommended lighting levels or the local code.
 Note: PCB ballasts and certain lamps are hazardous materials and must be disposed of in compliance with local requirements.

▶ Consortium for Energy Efficiency (CEE): www.cee1.org

Subtotal Lighting Incentive - Page 1

Lighting

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit. qualifies New Construction.

Non-Defined Lighting Measures (Pre-Notification Required)

FIXTURE TYPE	INCENTIVE (A)	UNIT
Lumens per Watt Improvement per Year**	\$0.08	kWh
Energy Conservation Improvement per Year	\$0.04	kWh

▶ ** At least a 5% lumens per watt systems improvement

BRIEF DESCRIPTION OF EXISTING LIGHTING SYSTEM	ANNUAL HRS 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)
Totals							

BRIEF DESCRIPTION OF NEW LIGHTING SYSTEM	ANNUAL HRS 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)
Totals							

ELECTRICAL 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/YRS (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									

▶ NOTE: Standard T8 fluorescent lighting systems are NOT eligible for an incentive.

Subtotal Lighting Incentive - Page 3

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit. qualifies New Construction.

Lighting

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

NEW FIXTURE MEASURES	INCENTIVE	UNIT
Interior Lighting	\$0.35	Watt Reduced
Exterior Lighting	\$0.40	Watt Reduced
Parking Garage Lighting	\$0.60	Watt Reduced

	BUILDING TYPE 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 0.35)
	Total					
EXTERIOR						(D x 0.40)
	Total					
PARKING GARAGE						(D x 0.60)
	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	<input type="text"/>
Total Lighting Incentive	<input type="text"/>

[Print This Form](#) [Submit Via Email](#)

Lighting Controls

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

Lighting Controls (*Pre-Notification Required)

MEASURE	# OF SENSORS	INCENTIVE (A)	UNIT	# OF UNITS (B)	TOTAL INCENTIVE (AxB)	
Interior Lighting Occupancy Sensors(i)	 	\$25.00	Sensor			<input type="checkbox"/>
Interior Lighting Occupancy Sensors(i)		\$0.08	Watts Controlled			<input type="checkbox"/>
Interior Lighting Occupancy & Daylight Sensor Controls*		\$0.12	Watts Controlled			<input type="checkbox"/>
Central Lighting Controls*		\$0.06	Square Foot			<input type="checkbox"/>
Daylight Sensor Controls*		\$0.09	Watts Controlled			<input type="checkbox"/>
Interior Stairwell Lighting Controls*		\$0.40	Watts Controlled			<input type="checkbox"/>
Exterior Multi-Step Dimming Occupancy Sensors*		\$0.09	Watts Controlled			<input type="checkbox"/>
Exterior Multi-Step Dimming Timer Controls*		\$0.09	Watts Controlled			<input type="checkbox"/>

(i) Pick one or the other per space controlled.

Total Lighting Controls

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[Submit Via Email](#)



Check the Buy Michigan Box only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications AND you can provide the manufacturer affidavit. qualifies New Construction.

VFD

(Consumers Energy electric customers)

Variable Frequency Drives (Up to 250 HP) (*Pre-Notification Required)

MEASURE	INCENTIVE (A)	UNIT (B)
VFD on HVAC Fans up to 100 HP	\$60.00	HP
VFD on HVAC Fans 101 HP to 250 HP*	\$40.00	HP
VFD on HVAC Pump up to 100 HP	\$60.00	HP
VFD on HVAC Pump 101 HP to 250 HP*	\$40.00	HP
VFD on Process Pumping up to 50 HP	\$60.00	HP
VFD on Process Pumping 51 HP to 250 HP*	\$40.00	HP
VFD on Process Fans up to 50 HP	\$50.00	HP
VFD on Process Fans 51 HP to 250 HP*	\$40.00	HP
VFD for Process Fans - Fixed Speed, Tier 1 (54hz to 51hz)	\$45.00	HP
VFD for Process Fans - Fixed Speed, Tier 2 (51hz or less)	\$60.00	HP
VFD for HVAC Fans - Fixed Speed, Tier 1 (54hz to 51hz)	\$45.00	HP
VFD for HVAC Fans - Fixed Speed Tier 2 (51hz or less)	\$60.00	HP
VFD for Process Pumps - Fixed Speed, Tier 1 (54hz to 51hz)	\$40.00	HP
VFD for Process Pumps - Fixed Speed, Tier 2 (51hz or less)	\$60.00	HP
VFD for CW HVAC Pumps - Fixed Speed, Tier 1 (54hz to 51hz)* bypass	\$30.00	HP
VFD for CW HVAC Pumps - Fixed Speed, Tier 2 (51hz or less)*, bypass	\$40.00	HP
VFD for CW HVAC Pumps - Fixed Speed, Tier 1 (54hz to 51hz)* throttled	\$20.00	HP
VFD for CW HVAC Pumps - Fixed Speed, Tier 2 (51hz or less)* throttled	\$25.00	HP
VFD for HW HVAC Pumps - Fixed Speed, Tier 1 (54hz to 51hz)* bypass	\$60.00	HP
VFD for HW HVAC Pumps - Fixed Speed, Tier 2 (51hz or less)*, bypass	\$80.00	HP
VFD for HW HVAC Pumps - Fixed Speed, Tier 1 (54hz to 51hz)* throttled	\$40.00	HP
VFD for HW HVAC Pumps - Fixed Speed, Tier 2 (51hz or less)* throttled	\$50.00	HP
VFD on Computer Room Air Condition (CRAC) Units	\$100.00	HP
VFD on Well Pumps up to 100 HP	\$30.00	HP

► *Pre-Notification required for motors over 100 HP (or Process Pumps 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 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

Subtotal VFD Incentive - Page 1



VFD

Check the **Buy Michigan Box**  only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

Integrated Variable Speed Motor (ECM) for Fans

MEASURE	INCENTIVE	UNIT	# OF UNITS	# OF MOTORS	TOTAL INCENTIVE
 Integrated Variable Speed Motor (ECM) for Furnaces, UVs, FCs and Light Duty AHUs (up to 7.5 HP)	\$100.00	HP			

Integrated Variable Speed Motor (ECM) for Pumps

MEASURE		INCENTIVE	UNIT	Size of Motor (W)	# of ECM Motors	TOTAL INCENTIVE
 Domestic Hot Water Recirculation	<500w	\$100.00	ECM Motor			
	500w to 1,000w	\$250.00	ECM Motor			
	>1,000w	\$500.00	ECM Motor			
 Hydronic Heating	<500w	\$50.00	ECM Motor			
	500w to 1,000w	\$150.00	ECM Motor			
	>1,000w	\$450.00	ECM Motor			
 Chilled Water Circulation	<500w	\$25.00	ECM Motor			
	500w to 1,000w	\$100.00	ECM Motor			
	>1,000w	\$200.00	ECM Motor			

▶ * 1hp = 745.7 watts; example: a 1/6 hp motor is 46.6 watts.

Subtotal VFD Incentive - Page 2

Total VFD Incentive

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

Compressed Air

(Consumers Energy electric customers, unless otherwise stated)

Compressed Air Energy Audit (Pre-Notification Required)

EQUIPMENT TYPE	BASELINE SPECIFIC POWER (kW/100 ACFM)	PROPOSED SPECIFIC POWER (kW/100 ACFM)	TOTAL AIR LEAK FLOW RATE (CFM)	INCENTIVE	UNIT	SIZE OF UNITS	TOTAL INCENTIVE
Compressed Air Energy Audit				\$15.00	HP		
Compressed Air Energy Audit with Metered Flow				\$20.00	HP		

Correct Sizing Compressed Air Systems (Pre-Notification Required)

EQUIPMENT TYPE	INCENTIVE	UNIT	SIZE OF UNITS	TOTAL INCENTIVE
Correct Sizing Compressed Air System (Per HP Reduced)	\$50.00	HP		

Compressed Air (*Pre-Notification Required)

MEASURE	INCENTIVE	UNIT	SIZE OF UNITS	TOTAL INCENTIVE
VSD Air Compressor (50 HP to 300 HP) (Single air compressor system)*	\$100.00	HP		
VSD Air Compressor (Less than 50 HP) (Single air compressor system)*	\$80.00	HP		
Variable Displacement (VD) Air Compressor*	\$35.00	HP		
Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type)*	\$20.00	HP		
Two Stage Rotary Screw Air Compressor (IM Type)*	\$30.00	HP		
Refrigerated Cycling Thermal Mass Air Dryer	\$1.00	SCFM		
Refrigerated Cycling Variable Speed Drive Air Dryer	\$2.00	SCFM		
Refrigerated Cycling, Digital Scroll Air Dryer	\$1.50	SCFM		
Air Dryer Desiccant to Refrigerated Air Dryers	\$4.00	SCFM		
Heated Blower Purge Desiccant Compressed Air Dryer*	\$4.00	SCFM		
Compressed Air Desiccant Dryer, Dewpoint Sensor Control	\$2.00	SCFM		
Heat of Compression Air Dryer*	\$4.00	SCFM		
Low-Pressure Drop Air Filter	\$5.00	HP		
Zero Loss Condensate Drain	\$100.00	Drain		
Zero Loss Condensate Drain, Float Style	\$200.00	Drain		
Pneumatic Air Tools Replaced with Electric Tools	\$100.00	Tool		
Electric Motors Replacing Pneumatic Motors	\$100.00	HP		
Compressed Air Applications Replaced with Air Blowers	\$450.00	HP (Air Blower)		
Compressed Air Engineered Nozzle (at least 1,000 hrs/yr)*	\$150.00	Unit		
Compressed Air Pressure Flow Controller	\$10.00	HP		
Air Compressor Outdoor Air Intake	\$4.00	HP		
Air Compressor Waste Heat Recovery (Consumers Energy natural gas customers only)	\$35.00	HP		
Compressed Air Storage Tank	\$50.00	HP		

Total Compressed Air Incentive

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 qualifies New Construction.

Miscellaneous Electric

(Consumers Energy electrical customers)

Industrial Process Improvement

MEASURE		ANNUAL PRODUCTION RATE (LB / YR)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
 All-Electric or Hybrid Injection Mold Machines	All-Electric		\$35.00	Ton		
	Hybrid		\$30.00	Ton		
 Fiber Laser Cutting Replacing Carbon Dioxide Laser Cutting			\$2,600	Output KW		
 Process Dryer Flow Rate Control with Relative Humidity Sensors (Dryer Exit Temp of at least 150 °F)			\$4.00	CFM Reduced		

Misc Industrial Electric (Pre-Notification Required)

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
 Smart Battery Charging Stations (New or replacement 3-phase high frequency battery chargers for electric vehicles (i.e. forklifts, Hi-Lo))	1 shift Operation/Day	\$125.00	Unit		
	2 shift Operation/Day	\$250.00	Unit		
	Continuous Operation	\$350.00	Unit		
 Barrel Wrap Insulation - Injection Molding and Extruders		\$100.00	Square Foot		
 Welder, Inverter Style*		\$500.00	Welder		

▶ * A minimum of 7 continuous days of power monitoring (kW) on one of the typical welders will be required before and after the retrofit to qualify for this incentive.

Power Management

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
 Intelligent Surge Protector		\$4.00	Unit		
 Network Power Management Software		\$12.00	Per PC Control		
 Beverage Vending Machine Controllers		\$65.00	Unit		
 Drinking Water Cooling Miser		\$50.00	Unit		
 Snack Vending Machine Miser		\$30.00	Unit		
 Engine Block Heater Controls		\$50.00	Heater		

Misc

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
 Cogged V-Belt Drives	1 to 25 HP	\$5.00	HP		
	30 to 500 HP	\$2.50	HP		
 High-Efficiency Hand Dryer		\$100.00	Unit		

Total Miscellaneous Electric Incentive

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit. qualifies New Construction.

HVAC & Heating Equipment

(Consumers Energy electric customers, unless otherwise stated)

Air Conditioning Systems

EQUIPMENT	SIZE CATEGORY	QUALIFYING EFFICIENCY	INCENTIVE	UNIT
Unitary and Split Air Conditioning Systems and Heat Pumps (IE: RTUs)	< 5.4 Tons	11.6 EER/ 14.0 SEER	\$30.00	Ton
	≥ 5.4 to <11.25 Tons	11.5 EER/12.8 IEER	\$40.00	Ton
	≥ 11.25 to <20 Tons	11.5 EER/12.3 IEER	\$40.00	Ton
	≥ 20 to <63 Tons	10.3 EER/11.1 IEER	\$30.00	Ton
	≥ 63 Tons	9.7 EER/10.9 IEER	\$30.00	Ton
PTAC or PTHP	All	See Spec	\$30.00	Unit
Ductless Air Conditioning or Heat Pump System		10 HSPF/21 SEER	\$30.00	Ton

EQUIPMENT TYPE (SEE ABOVE)	MAKE AND MODEL	EER OR HSPF	SEER OR IPLV	UNIT SIZE (TONS) (A)	QUANTITY (B)	INCENTIVE PER TON (C)	INCENTIVE (A x B x C)

Computer Room Air Conditioning

EQUIPMENT TYPE	EQUIPMENT SIZE	MIN SCOP	INCENTIVE PER MBH	ACTUAL SCOP	UNIT SIZE MBH	QUANTITY	TOTAL INCENTIVE
High-Efficiency Computer Room Air Conditioning	< 65 MBH	2.86	\$12.00				
	≥ 65 MBH to < 240 MBH	2.73	\$14.00				
	≥ 240 MBH	2.47	\$16.00				
EQUIPMENT TYPE	RETURN AIR TEMP	INCENTIVE	UNIT	ACTUAL SCOP	UNIT SIZE MBH	QUANTITY	TOTAL INCENTIVE
Data Room Hot/Cold Aisle Configuration	Increase by at Least 5 °F	\$5.00	MBH	 			
	Increase by at Least 10 °F	\$10.00	MBH	 			

Subtotal HVAC & Heating Equipment Incentive - Page 1

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

HVAC & Heating Equipment

Industrial Fans (Pre-Notification Required)

EQUIPMENT TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
High-Volume, Low-Speed Fans	\$400.00	Fans		
Destratification Fan (Temperature gradient greater than 15 °F) (Consumers Energy natural gas only customers)	\$0.20	Square Foot		

(Consumers Energy electric customer)

Chillers

EQUIPMENT TYPE	SIZE (A)	QUALIFYING EFFICIENCY (B)	QUALIFYING INCENTIVE (PER TON)	INCREMENTAL EFFICIENCY UNIT (IEU) (C)	ADDITIONAL INCENTIVE PER IEU (PER TON) (D)	
Air-Cooled Chiller	ALL	IPLV = 1.04 kW/Ton	\$30.00	0.01 kW/Ton IPLV Reduction	\$2.00	
Water-Cooled Chiller	Centrifugal	< 300 Tons	\$30.00	0.01 kW/Ton IPLV Reduction	\$2.00	
		300 to 600 Tons				IPLV = 0.49
		> 600 Tons				IPLV = 0.49
	Rotary Screw, Scroll or Reciprocating	< 75 Tons				IPLV = 0.57
		75 to 150.0 Tons				IPLV = 0.55
		150.1 to 300 Tons				IPLV = 0.52
> 300 Tons	IPLV = 0.49					

EQUIPMENT TYPE (SEE ABOVE)	MAKE AND MODEL	kW/TON FULL LOAD	kW/TON IPLV (F)	UNIT SIZE (TONS) (A)	QUALIFYING EFFICIENCY (B)	QUANTITY (G)	BASE INCENTIVE	INCREMENTAL INCENTIVE	TOTAL INCENTIVE
Example: Air-Cooled Chiller	AC100	1.03	1.02	100	1.04	1	\$3,000	\$400	\$3,400

Total incentive per ton equals the qualifying base incentive per ton plus the incentive per incremental efficiency increase

For Example: One 100-ton air-cooled Chiller at 1.02 kW/Ton:

Base Incentive: (A x G X \$30/ton) or 100 tons x 1 x \$30/ton = \$3,000

Incremental Incentive: (A x G x [(B - F)/C] x D) or 100 tons x 1 x [(1.04 - 1.02)/0.01] x \$2.00 = \$400

Total Incentive: \$3,400

Subtotal HVAC & Heating Equipment Incentive - Page 2



Check the **Buy Michigan Box**  only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

HVAC & Heating Equipment

Heating

(Consumers Energy natural gas customers, unless otherwise stated)

HYDRONIC BOILER		INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE	
	HVAC Boiler 86% to 89.9% AFUE or Combustion Efficiency - Level 1	\$0.75	MBH				<input type="checkbox"/>
	HVAC Boiler at least 90% AFUE or Combustion Efficiency - Level 2	\$1.50	MBH				<input type="checkbox"/>
STEAM OR PROCESS BOILERS		INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE	
	Process Steam Boilers (at least 82% efficient)	\$2.00	MBH				<input type="checkbox"/>
	HVAC Steam Boilers (at least 82% efficient)	\$2.00	MBH				<input type="checkbox"/>
	Process Hydronic (Water) Boilers (at least 82% efficient)	\$0.75	MBH				<input type="checkbox"/>
	High-Efficiency Pool Water Heater (at least 84% efficient)	\$1.25	MBH				<input type="checkbox"/>
FURNACE/UNIT HEATER TYPE/AHU TYPE		INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE	
	High-Efficiency Furnace or Unit Heater at least 92% efficient	\$1.50	MBH				<input type="checkbox"/>
	High-Efficiency Furnace or Unit Heater at least 95% efficient or greater	\$2.00	MBH				<input type="checkbox"/>
	Direct Fired Makeup Air Handling Units	\$1.50	MBH				<input type="checkbox"/>
INFRARED HEATER TYPE (PRE-NOTIFICATION REQUIRED)		INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE	
	Infrared Heaters (Consumers Energy electric and natural gas customers)	\$5.00	MBH				<input type="checkbox"/>
	Infrared Heaters (Consumers Energy natural gas customers)	\$3.00	MBH				<input type="checkbox"/>

Subtotal HVAC & Heating Equipment Incentive - Page 3	<input type="text"/>
Total HVAC & Heating Equipment Incentive	<input type="text"/>

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 qualifies New Construction.

Domestic Water Heater

(Consumers Energy natural gas customers, unless otherwise stated)

DOMESTIC WATER HEATER	UNIT TYPE	INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE	
 High-Efficiency Domestic Water Heating Boilers	84% to 89.9% efficient	\$0.75	MBH				<input type="checkbox"/>
	At least 90% efficient	\$2.00	MBH				<input type="checkbox"/>
 High-Efficiency Tank-Style Domestic Water Heater Up to 80 Gallons	0.67 Energy Factor	\$50.00	Unit				<input type="checkbox"/>
	0.80 Energy Factor	\$100.00	Unit				<input type="checkbox"/>
 High-Efficiency Tank-Style Domestic Water Heater Greater than 80 gallons	At least 94% efficient	\$0.75	MBH				<input type="checkbox"/>
 Heat Pump Domestic Water Heater (Consumers Energy electric customers)	Tank Style (EF ≥ 2.2) ≤ 55 Gallons	\$800.00	Unit				<input type="checkbox"/>
	Tank Style (EF ≥ 2.2) > 55 Gallons	\$45.00	Unit				<input type="checkbox"/>
	≤ 50 MBH (COP ≥ 3.0)	\$1,000.00	Unit				<input type="checkbox"/>
 Tankless Water Heater	Natural Gas	\$100.00	Unit				
	Electric	\$50.00	Unit				

Total Domestic Water Heater Incentive

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Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.

qualifies New Construction.

Building Automation Systems

Controls

CENTRALIZED BUILDING AUTOMATION SYSTEM (BAS) (PRE-NOTIFICATION REQUIRED)		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Web-Based Building Automation Systems (BAS)	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)	\$0.30	Square Foot		
	Natural Gas Heat (Consumers Energy natural gas customers)	\$0.17	Square Foot		
	Air Conditioning (Consumers Energy electric customers)	\$0.13	Square Foot		
	BAS Non-A/C Schools (Consumers Energy electric customers)	\$0.07	Square Foot		
Building Automation System Total Incentive					
Building Automation System Awarded Incentive (Maximum Cannot Exceed \$50,000)					

CENTRALIZED BUILDING AUTOMATION SYSTEM (BAS) (PRE-NOTIFICATION REQUIRED) - CONTINUED		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	BAS for Manufacturing HVAC Fans (Consumers Energy electric customers)	\$150.00	HP		
	Parking Garage Exhaust Fan Carbon Monoxide (CO) Control	\$300.00	HP		
	Hydronic HVAC Pump Control (Consumers Energy electric customers)	\$80.00	HP		
	Critical Zone Supply Air Reset Control (Consumers Energy electric customers)	\$20.00	Ton		
	Air-Side Economizer (Consumers Energy electric customers)	\$15.00	Ton		
Optimal Start/Stop on Air Handling Units	Air Conditioning and natural gas heat (Consumers Energy electric & natural gas customers)	\$0.10	Square Foot		
	Natural Gas Heat (Consumers Energy natural gas customers)	\$0.05	Square Foot		
	Air Conditioning (Consumers Energy electric customers)	\$0.05	Square Foot		
Occupancy Sensor Control for HVAC BAS Systems	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)	\$0.09	Square Foot		
	Natural Gas Heat (Consumers Energy natural gas customers)	\$0.04	Square Foot		
	Air Conditioning (Consumers Energy electric customers)	\$0.05	Square Foot		

CHILLER CONTROLS (PRE-NOTIFICATION REQUIRED)		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	Chilled Water Reset Retrofit (5-degree reset) (Consumers Energy electric customers only)	\$1.00	Ton		
	Chilled Water Reset Retrofit (10-degree reset) (Consumers Energy electric customers only)	\$1.50	Ton		

DEMAND CONTROL VENTILATION (PRE-NOTIFICATION REQUIRED)		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Demand Control Ventilation	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)	\$0.04	Square Foot		
	Natural Gas Heat (Consumers Energy natural gas customers)	\$0.02	Square Foot		
	Air Conditioning (Consumers Energy electric customers)	\$0.02	Square Foot		



Subtotal Building Automation Systems Incentive - Page 1

Building Automation Systems

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.

qualifies New Construction.

Controls

UNITARY CONTROL (PRE-NOTIFICATION REQUIRED)		AREA (SQUARE FOOT)	INCENTIVE	UNIT	# OF SENSOR	TOTAL INCENTIVE	
Programmable Thermostat	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)		\$100.00	Unit			<input type="checkbox"/>
	Natural Gas Heat (Consumers Energy natural gas customers)		\$100.00	Unit			<input type="checkbox"/>
	Air Conditioning (Consumers Energy electric customers)		\$100.00	Unit			<input type="checkbox"/>
Hotel Guest Room Occupancy Sensor	Natural Gas Heat (Consumers Energy natural gas customers)		\$80.00	Unit			<input type="checkbox"/>
	Electric Heat (Consumers Energy electric customers)		\$80.00	Unit			<input type="checkbox"/>
Web-Based Programmable Thermostat	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)		\$300.00	Unit			<input type="checkbox"/>
	Natural Gas Heat (Consumers Energy natural gas customers)		\$300.00	Unit			<input type="checkbox"/>
	Air Conditioning (Consumers Energy electric customers)		\$300.00	Unit			<input type="checkbox"/>
Occupancy Sensor Control for Smart Thermostats	Air Conditioning and Natural Gas Heat (Consumers Energy electric & natural gas customers)		\$0.04	Square Foot			<input type="checkbox"/>
	Natural Gas Heat (Consumers Energy natural gas customers)		\$0.02	Square Foot			<input type="checkbox"/>
	Air Conditioning (Consumers Energy electric customers)		\$0.02	Square Foot			<input type="checkbox"/>

Boiler Controls

MEASURE (PRE-NOTIFICATION REQUIRED)		INCENTIVE	INPUT UNIT	# OF UNITS	TOTAL INCENTIVE	
Optimized Boiler Plant Sequencing	HVAC	\$0.30	MBH			<input type="checkbox"/>
	Process	\$0.50				
Modulating Burner Control	HVAC	\$0.80	MBH			<input type="checkbox"/>
	Process	\$1.00				
Boiler Oxygen Trim Control	HVAC	\$0.15	MBH			<input type="checkbox"/>
	Process	\$0.40				
Linkageless (Parallel Positioning) Boiler Controls	HVAC	\$0.35	MBH			<input type="checkbox"/>
	Process	\$0.40				
Combination Boiler Oxygen Trim Control and Linkageless Boiler Controls	HVAC	\$0.40	MBH			<input type="checkbox"/>
	Process	\$0.60				
Water Reset Control Retrofit		\$0.50	MBH			<input type="checkbox"/>
Enhanced Snow Melt Controls		\$0.60	Square Foot			<input type="checkbox"/>

Subtotal Building Automation Controls Incentive - Page 2	<input type="text"/>
Total Building Automation Controls Incentive	<input type="text"/>



Advanced Air Distribution and Energy Recovery

Check the **Buy Michigan Box**  only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.  qualifies New Construction.

Advanced Air Distribution Systems (Pre-Notification Required)

MEASURE	CUSTOMER TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Constant Volume AHU to VAV AHU with Hydronic Reheat	Electric and Natural Gas	\$0.70	Square Foot		
	Electric	\$0.45	Square Foot		
	Natural Gas	\$0.25	Square Foot		
Constant Volume AHU to Hydronic Heat Pump Loop	Electric and Natural Gas	\$0.60	Square Foot		
	Electric	\$0.45	Square Foot		
	Natural Gas	\$0.15	Square Foot		

Process Ventilation Reduction (Pre-Notification Required)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Process Heating Ventilation Reduction (Consumers Energy natural gas customers)	\$1.50	CFM		
Process Fan Ventilation Reduction (Consumers Energy electric customers)*	\$0.15	CFM		
Process Fan Ventilation Reduction (Consumers Energy electric customers)*	\$175.00	HP		

► * Pick one or the other per facility.

Energy Recovery (Pre-Notification Required)

(Consumers Energy natural gas customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE
 Enthalpy Wheel Energy Recovery Unit	\$0.40	CFM			
 Fixed-Plate Air-to-Air Energy Recovery Unit	\$0.35	CFM			

Boiler Efficiency Improvements (Pre-Notification Required)

(Consumers Energy natural gas customers)

MEASURE	STACK TEMP DECREASE	INCENTIVE	INPUT UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE
 HVAC Boiler Stack Economizer	80 degree	\$0.15	MBH			
	120 degree	\$0.20	MBH			
	200 degree	\$0.30	MBH			
 Process Boiler Stack Economizer	80 degree	\$0.40	MBH			
	120 degree	\$0.60	MBH			
	200 degree	\$1.00	MBH			
 Steam Boiler Makeup Water Pre-Heat		\$6.00	MMBtu/yr		X	
 Automatic Boiler Blowdown Reduction		\$0.01	Gal/yr Reduced			

Refrigeration Waste Heat Recovery (Pre-Notification Required)

(Consumers Energy natural gas customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	UNIT SIZE	TOTAL INCENTIVE
 Refrigeration Waste Heat Recovery Decreasing Domestic Water Heating	\$60.00	Ton			
 Refrigeration Waste Heat Recovery Decreasing HVAC Heating Load	\$60.00	Ton			



Advanced Air Distribution and Energy Recovery

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 qualifies New Construction.

Air Conditioning Economizer Mode

EQUIPMENT TYPE	EQUIPMENT SIZE	INCENTIVE PER MBH	UNIT SIZE MBH	QUANTITY	TOTAL INCENTIVE
 Computer Room Air Conditioning Glycol Economizer	< 65 MBH	\$25.00			
	≥ 65 MBH to < 240 MBH	\$30.00			
	≥ 240 MBH	\$35.00			

EQUIPMENT TYPE	INCENTIVE PER MBH	UNIT SIZE MBH	QUANTITY	TOTAL INCENTIVE
 Air-Side Economizer for New CRAC or Telecom Applications	\$30.00			

Water-Side Economizer

EQUIPMENT TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
 Water-Cooled Chiller	\$60.00	Ton		
 Air-Cooled Chiller	\$120.00	Ton		

Condenser Heat Recovery (Dx Compressor Waste Heat Recovery)

MEASURE	CUSTOMER TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Water-Cooled Condenser Electric DWH HVAC or Process Applications	Consumers Energy electric customer	\$400.00	Ton		
Air-Cooled Condenser Electric DWH HVAC or Process Applications	Consumers Energy electric customer	\$500.00	Ton		
Water-Cooled Condenser Natural Gas DWH HVAC or Process Applications	Consumers Energy natural gas customer	\$150.00	Ton		
Air-Cooled Condenser Natural Gas DWH HVAC or Process Applications	Consumers Energy natural gas customer	\$200.00	Ton		

Subtotal Advanced Air Distribution & Energy Recovery Incentive - Page 2

Total Advanced Air Distribution & Energy Recovery

Check the **Buy Michigan Box**  only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

Laboratory

Laboratory (*Pre-Notification Required)

MEASURE	CUSTOMER TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE	
 Auto Sash Closer*	Consumers Energy electric & natural gas customers	\$80.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy electric customers	\$40.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy natural gas customers	\$40.00	Linear Foot of Sash			<input type="checkbox"/>
Reduced/Optimized Air Change per Hour (ACH) Rate*	Consumers Energy electric & natural gas customers	\$2.75	CFM Reduced			
	Consumers Energy electric customers	\$1.50	CFM Reduced			
	Consumers Energy natural gas customers	\$1.25	CFM Reduced			
 Sash Stops*	Consumers Energy electric & natural gas customers	\$50.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy electric customers	\$25.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy natural gas customers	\$25.00	Linear Foot of Sash			<input type="checkbox"/>
Laboratory Fume-Hood Ventilation Reduction (Based On Sash Location)*	Consumers Energy electric & natural gas customers	\$1.40	CFM Reduced			<input type="checkbox"/>
	Consumers Energy electric customers	\$0.75	CFM Reduced			<input type="checkbox"/>
	Consumers Energy natural gas customers	\$0.65	CFM Reduced			<input type="checkbox"/>
 Occupancy Sensor with VAV Hood	Consumers Energy electric & natural gas customers	\$60.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy electric customers	\$30.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy natural gas customers	\$30.00	Linear Foot of Sash			<input type="checkbox"/>
 Low-Flow Hood with VAV Hood*	Consumers Energy electric & natural gas customers	\$60.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy electric customers	\$30.00	Linear Foot of Sash			<input type="checkbox"/>
	Consumers Energy natural gas customers	\$30.00	Linear Foot of Sash			<input type="checkbox"/>
 High-Performance HEPA Filter	Consumers Energy electric customers	\$0.10	CFM			<input type="checkbox"/>
 High-Performance Non-HEPA Filter	Consumers Energy electric customers	\$0.02	CFM			<input type="checkbox"/>

Total Laboratory Incentive

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 qualifies New Construction.

Tune-Up / Maintenance

Boiler Tune-Up (Consumers Energy natural gas customers)

MEASURE	LEVEL	SIZE CATEGORY (B)	INCENTIVE (C)	UNIT
Space Heating Boiler Tune-Up	Level 1	110 to 499 MBH	\$150.00	Boiler
	Level 2	500 to 1,199 MBH	\$250.00	Boiler
	Level 3	At least 1,200 MBH	\$350.00	Boiler
Process Boiler Tune-Up	Level 4	300 to 499 MBH	\$150.00	Boiler
	Level 5	500 to 1,199 MBH	\$350.00	Boiler
	Level 6	At least 1,200 MBH	\$500.00	Boiler
Process Burner Tune-Up	Level 7	300 to 499 MBH	\$150.00	Burner
	Level 8	500 to 1,199 MBH	\$350.00	Burner
	Level 9	At least 1,200 MBH	\$500.00	Burner
Domestic Water Heater Tune-Up	Level 10	199 to 499 MBH	\$100.00	Boiler
	Level 11	500 to 1,199 MBH	\$250.00	Boiler
	Level 12	At least 1,200 MBH	\$350.00	Boiler

EQUIPMENT TYPE/LEVEL (SEE ABOVE)	SERIAL #	# OF BOILERS (A)	BOILER SIZE INPUT (MBH) (B)	INCENTIVE (C)	TOTAL INCENTIVE (A x C)

Furnace Tune-Up (Consumers Energy natural gas customers)

MEASURE	SIZE CATEGORY (B)	INCENTIVE (C)	UNIT
Gas Furnace or RTU Tune-Up	40 to 299 MBH	\$50.00	Furnace
	At least 300 MBH	\$125.00	Furnace

EQUIPMENT TYPE/LEVEL (SEE ABOVE)	SERIAL #	# OF FURNACES (A)	FURNACE/RTU SIZE INPUT (MBH) (B)	INCENTIVE (C)	TOTAL INCENTIVE (A x C)

Subtotal Tune-Up/Maintenance Incentive - Page 1

10222015

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
 qualifies New Construction.

Kitchen / Refrigeration / Laundry

Commercial Kitchen Equipment

(Consumers Energy natural gas customers)

MEASURE			INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	Commercial Conveyor Ovens		\$400.00	Unit		
	Flexible Batch Broilers		\$550.00	Unit		
	3, 4, 5 or 6 Pan; Electric (Consumers Energy electric customer)	Qualifying Efficiency EE ≥ 0.50	\$1,200.00	Unit		
	5 or 6 Pan; Gas (Consumers Energy natural gas customer)	Qualifying Efficiency EE ≥ 0.38	\$1,750.00	Unit		
	Combination Ovens/Steamers	Electric	\$1500.00	Unit		
		Natural Gas	\$300.00	Unit		
	Hot Holding Cabinet, Full Size (ENERGY STAR) (Consumers Energy Electric Customer)		\$450.00	Unit		
	Pre-Rinse Sprayers - Up to 1.6 gallons per minute (gas water heater only)		\$30.00	Unit		

Commercial Kitchen Ventilation Control

(Consumers Energy natural gas customers)

MEASURE			INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	Temperature and Optical Sensor on Exhaust		\$0.50	CFM		

Refrigeration Insulation

(Consumers Energy electric customers)

MEASURE			INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	Night Covers		\$6.00	Linear Foot		

New Reach-In Refrigerated Case Doors (Pre-Notification Required)

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Medium Temp (33 °F to 50 °F)	Consumers Energy electric & natural gas customers	\$60.00	Linear Foot		
	Consumers Energy electric customers	\$45.00	Linear Foot		
	Consumers Energy natural gas customers	\$15.00	Linear Foot		
Low Temp (0 °F to 32 °F)	Consumers Energy electric & natural gas customers	\$120.00	Linear Foot		
	Consumers Energy electric customers	\$100.00	Linear Foot		
	Consumers Energy natural gas customers	\$20.00	Linear Foot		

Strip Curtains (Pre-Notification Required)

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
	Cooler (40 °F) (Consumers Energy electric customers)	\$3.00	Square Foot		
	Freezer (0 °F) (Consumers Energy electric customers)	\$6.00	Square Foot		

Door Gasket Seals

MEASURE		INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Door Gasket Seals (Consumers Energy electric customers)		\$2.00	Linear Foot		

Subtotal Kitchen/Refrigeration/Laundry Incentive - Page 1



Kitchen / Refrigeration / Laundry

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 qualifies New Construction.

Refrigeration Controls (Pre-Notification Required)

(Consumers Energy electric customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Anti-Sweat Heater Controls	\$80.00	Door		
Evaporator Fan Demand Control	Electronically Commutated Motor	\$40.00	Controller	
	Permanent Split Capacitor	\$120.00	Controller	
	Shaded Pole	\$120.00	Controller	
Floating Head Pressure Control	\$80.00	Ton		

Refrigeration Motors (Pre-Notification Required)

(Consumers Energy electric customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Refrigeration Case Electronically Commutated Motor (ECM)	\$50.00	Unit		
Walk-in Cooler Electronically Commutated Motor replacing non-ECM Motor	\$70.00	Unit		
Walk-in Cooler Evaporator Motor Reduction	\$250.00	Motor Removed		

Refrigeration Equipment & Lighting

(Consumers Energy electric customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE	
Energy Efficient Ice Machine	Air-Cooled	Less than 500 lbs	\$200.00	Unit	
		500 to 999 lbs	\$400.00	Unit	
		1,000 to 1,500 lbs	\$700.00	Unit	
	Water Cooled	\$100.00	Unit		
LED Lighting for Refrigeration Cases	\$10.00	Linear Foot of Lamp			
Occupancy Sensors for LED Refrigerator Lighting	\$15.00	Door			
Refrigeration Light Reduction* (Pre-Notification Required)	-20° F to 0° F	\$0.18	Watt Reduced		
	0° F to 20° F	\$0.13	Watt Reduced		
	20° F to 40° F	\$0.08	Watt Reduced		

▶ * In conjunction with a qualifying lighting retrofit incentive project.

Subtotal Kitchen/Refrigeration/Laundry Incentive - Page 2

Check the **Buy Michigan Box** only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.
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Kitchen / Refrigeration / Laundry

Laundry

(Consumers Energy natural gas customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Laundry Ozone Generation System	\$40.00	Pounds		

Clothes Washers (CEE Tier II)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Gas Water Heater - Gas Dryer	Consumers Energy natural gas customers	\$25.00	Unit	
Gas Water Heater - Electric Dryer	Consumers Energy electric and natural gas customers	\$70.00	Unit	
	Consumers Energy natural gas customers	\$10.00	Unit	
	Consumers Energy electric customers	\$60.00	Unit	
	Electric Water Heater - Gas Dryer	Consumers Energy electric and natural gas customers	\$60.00	Unit
Consumers Energy natural gas customers		\$10.00	Unit	
Consumers Energy electric customers		\$50.00	Unit	
Electric Water Heater - Electric Dryer	Consumers Energy electric customers	\$100.00	Unit	

Dishwashers (ENERGY STAR ®)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Electric Domestic Water Heating (Consumers Energy electric customers)	\$250.00	Unit		
Gas Domestic Water Heating (Consumers Energy natural gas customers)	\$250.00	Unit		
Gas Domestic Water Heating (Consumers Energy electric and natural gas customers)	\$250.00	Unit		

Subtotal Kitchen/Refrigeration/Laundry Incentive - Page 3	
Total Kitchen/Refrigeration/Laundry Incentive	

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Building Envelope & Insulation

Building Insulation (Pre-Notification Required)

(Consumers Energy natural gas customers and natural gas heat applications only)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Wall Insulation	\$0.60	Square Foot		



FLAT ROOF	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Flat Roof Insulation	R 10 to R 18	\$0.16	Square Foot	
	R 12 to R 18	\$0.12	Square Foot	
	R 14 to R 18	\$0.08	Square Foot	
	R 16 to R 18	\$0.02	Square Foot	
	R 18 to R 20	\$0.02	Square Foot	
	R 20 to R 22	\$0.02	Square Foot	
	R 22 to R 24	\$0.02	Square Foot	
Flat Roof Insulation Total Incentive				
Flat Roof Insulation Awarded Incentive (Maximum Cannot Exceed \$100,000)				



MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Attic Roof Insulation	\$0.30	Square Foot		

Envelope (Pre-Notification Required)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Window Reduction (Consumers Energy natural gas customer only)	\$0.75	Square Foot		
Window Film (Consumers Energy electric customer only)	\$0.25	Square Foot		
High Performance Glazing in Windows (Consumers Energy electric customer only)	\$0.25	Square Foot		



MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Truck Loading Dock Door Seals	\$350.00	Door		
Truck Loading Dock Leveler Ramp Pit Air Seals Retrofit (Pre-Notification Required)	\$175.00	Door		

Pool Covers

(Consumers Energy natural gas customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Pool Covers (400 to 10,000 Square feet)	\$0.50	Square Foot		

Automatic High Speed Doors

(Consumers Energy electric customers)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Automatic High Speed Doors	Between Freezer to Cooler	\$70.00	Square Foot	
	Between Freezer to Dock	\$150.00	Square Foot	
	Between Cooler to Dock	\$15.00	Square Foot	



Total Building Envelope & Insulation Incentive

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Pipe & Ductwork Insulation

Pipe Insulation - Natural Gas Heat (Pre-Notification Required)

For HVAC and Domestic Applications, limit of 500 linear feet per boiler system. (Consumer Energy natural gas customers only)

MEASURE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE	
Steam Space Heating (HVAC)	\$3.00	Linear Foot			<input type="checkbox"/>
Steam Condensate Space Heating (HVAC)	\$1.50	Linear Foot			<input type="checkbox"/>
Hydronic Space Heating (HVAC)	\$2.00	Linear Foot			<input type="checkbox"/>
Domestic Hot Water	Unconditioned Space (140°)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (140°)	Linear Foot			<input type="checkbox"/>
	Unconditioned Space (120°)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (120°)	Linear Foot			<input type="checkbox"/>
Process Steam Pipe Insulation	Conditioned Space (Consumers Energy electric and natural gas customers)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (Not A/C & Consumers Energy natural gas customers)	Linear Foot			<input type="checkbox"/>
	Unconditioned Space (Consumers Energy natural gas customers)	Linear Foot			<input type="checkbox"/>
Process Steam Pipe Condensate Insulation	Unconditioned Space (Consumers Energy natural gas customers)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (Not A/C & Consumers Energy natural gas customers)	Linear Foot			<input type="checkbox"/>

Pipe Insulation - Electric (Pre-Notification Required)

(Consumers Energy electric customers only)

ELECTRIC HEAT	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE	
Domestic Hot Water	Unconditioned Space (140°)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (140°)	Linear Foot			<input type="checkbox"/>
	Unconditioned Space (120°)	Linear Foot			<input type="checkbox"/>
	Conditioned Space (120°)	Linear Foot			<input type="checkbox"/>

DX SUCTION REFRIGERANT PIPING INSULATION LOCATION	SPACE TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Data Center	Conditioned Space	\$0.20	Linear Foot		
Mid Temp Refrigeration	Conditioned Space	\$0.75	Linear Foot		
	Non-Conditioned Space	\$0.50	Linear Foot		
Low Temp Refrigeration	Either Conditioned Space or Non-Conditioned Space	\$3.00	Linear Foot		

Ductwork Insulation - Natural Gas Heat (Pre-Notification Required) (Consumers Energy natural gas customers only)

DUCTWORK	LOCATION	AIR DISTRIBUTION TYPE	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Ductwork Insulation	Non-Conditioned Space i.e., crawl space	Supply Air	\$2.00	Square Foot		
		Return Air	\$1.00	Square Foot		
	Exterior Space	Supply Air	\$3.00	Square Foot		
		Return Air	\$2.00	Square Foot		

Total Pipe & Ductwork Insulation Incentive

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Agricultural

Agriculture*

FARM ENERGY AUDIT	INCENTIVE	UNIT	TOTAL INCENTIVE (\$)	
Farm Energy Audit as Defined By USDA (Tier 2)	\$500.00 per Farm			

GRAIN (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Grain Dryers (Consumers Energy natural gas customer)	\$0.04	Bushels/yr		
Grain Storage Temperature / Moisture Management Controller (Consumers Energy electric customer)	\$50.00	HP		

GREENHOUSE (CONSUMERS ENERGY NATURAL GAS CUSTOMERS) (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Greenhouse Heat Curtains	\$0.25	Square Foot		
Greenhouse Infrared Film				
Replacing a single layer with double layer	\$0.50	Square Foot		
Replacing a double layer with double layer	\$0.15	Square Foot		
Greenhouse Environmental Controls	\$0.15	Square Foot		
Greenhouse In-Floor Heating System (Without Heat Curtains)	\$0.50	Square Foot		
Greenhouse In-Floor Heating System (With Heat Curtains)	\$0.25	Square Foot		

VENTILATION (CONSUMERS ENERGY ELECTRIC CUSTOMER)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Circulation, Exhaust, or Ventilation Fans	24" to 35" Fan Blade diameter	\$30.00	Fan	
	36" to 47" Fan Blade diameter	\$50.00	Fan	
	48" to 71" Fan Blade diameter	\$100.00	Fan	
High-Volume, Low-Speed Fans	16-Ft Fan Blade diameter	\$250.00	Fan	
	18-Ft Fan Blade diameter	\$400.00	Fan	
	20-Ft Fan Blade diameter	\$500.00	Fan	
	22-Ft Fan Blade diameter	\$700.00	Fan	
Fan Thermostat Controller (Pre-Notification Required)	\$50.00	HP		

IRRIGATION (CONSUMERS ENERGY ELECTRIC CUSTOMER) (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
VSD on Ag Irrigation Systems	\$20.00	HP		
VSD on Golf Course Irrigation Systems	\$30.00	HP		
Sprinkler to Drip Irrigation	\$35.00	Acre		
Low-Pressure Sprinkler Nozzle	\$0.50	Nozzle		
Low-Energy Livestock Waterer	\$125.00	Unit		

DAIRY (CONSUMERS ENERGY ELECTRIC CUSTOMER) (PRE-NOTIFICATION REQUIRED)	INCENTIVE	UNIT	# OF UNITS	TOTAL INCENTIVE
Scroll Compressor for Dairy Refrigeration	\$0.04	lb Milk/day		
Variable Speed Controller for Vacuum Pump	\$75.00	HP		
Variable Speed Drive on Milk Pump with Existing Milk Pre-Cooler	\$0.05	lb Milk/day		
Variable Speed Driver on Milk Pump with New Milk Pre-Cooler	\$0.07	lb Milk/day		
Milk Pre-Cooler (Heat Exchanger, Chiller Savings)	\$0.10	lb Milk/day		
Water Pre-Heat Heat Exchanger (heat recovery tank)	Electric Water Heater Reduction	\$0.16	lb Milk/day	
	Natural Gas Water Heater Reduction (Consumers Energy natural gas customers)	\$0.06	lb Milk/day	
Dairy Refrigeration Tune-Up (Pre-Notification NOT required)	\$0.02	lb Milk/day		

► * Residential Agricultural customers qualify for these measures.

Subtotal Agricultural Incentive - Page 1



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Agricultural

Agriculture Long Day Lighting System Retrofit (Pre-Notification Required)

MEASURE	INCENTIVE	UNIT
 LED Grow Lights*	\$0.35	Watts Reduced
 Dairy Long Day Lighting	Interior LED Lighting	Watts Reduced
	Interior Induction Lighting	Watts Reduced
	HP or RW T8/T5 New Interior Fluorescent Fixtures	Watts Reduced
 Poultry LED Lighting Systems*	\$0.40	Watts Reduced

► * If new construction, refer to the Lighting Power Density Worksheet.

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)			
Total Incentive									

Agricultural Miscellaneous VFDs (Pre-Notification Required)

MEASURE	INCENTIVE	UNIT
 VFD on Agricultural Fans (Operating between 750-hrs/yr to 2,000-hrs/yr)	\$30.00	HP
 VFD on Agricultural Fans (Operating more than 2,000-hrs/yr)	\$40.00	HP
 VFD on Agricultural Pumps (Operating between 750-hrs/yr to 2,000-hrs/yr)	\$30.00	HP
 VFD on Agricultural Pumps (Operating more than 2,000-hrs/yr)	\$40.00	HP

VFD ON AGRICULTURAL APPLICATION (SEE ABOVE)	INCENTIVE RATE (\$/HP) (A)	CONTROLLED MOTOR SIZE (HP) (B)	# OF UNITS (C)	TOTAL INCENTIVE (\$) (SEE ABOVE) (A * B * C)

Subtotal Agricultural Incentive - Page 2	<input type="text"/>
Total Agricultural Incentive	<input type="text"/>





Custom

Check the **Buy Michigan Box**  only if the piece of equipment is for a full unit replacement for which you are seeking an incentive, meets the Buy Michigan bonus specifications **AND** you can provide the manufacturer affidavit.  qualifies New Construction.

Pre-Notification for All Custom Incentives is REQUIRED

Please attach supporting documentation as described in the Consumers Energy Business Energy Efficiency Program 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

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**
 CE Electric	kWh			\$0.08				
 CE Natural Gas	MCF			\$6.00				



Step 3: Miscellaneous Data

ANNUAL HOURS OF OPERATION (HRS/YR)	ESTIMATED MEASURE LIFE (YEARS)	PEAK DEMAND ELECTRICAL SAVINGS (kW)

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

Total Awarded Incentive ***	
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- ▶ * Payback period must be greater than or equal to one and less than or equal to eight years to receive the incentive.
- ▶ ** Custom Incentives are awarded at 100% of the calculated incentive up to \$200,000 and 50% above \$200,000.
- ▶ *** Total Awarded Incentive cannot exceed 50% of the total custom project cost or \$1,000,000 whichever is lower.
- ▶ **** If New Construction, the baseline shall be in accordance with Michigan Energy Code or standard customary practice.

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