



Energy Efficiency Program for Business



2019 Agriculture application

The DTE Energy Efficiency Program for Business offers businesses like yours. Incentives for new energy-efficient equipment including lighting, HVAC, process improvements and more. Just follow the simple steps in this application to begin the process. We look forward to working with you.

To submit your application*

- 1. Complete the application (pages 3-5).**
 - a. Ensure that you have completed the customer information (page 3).
 - b. Ensure that you have completed the contractor Information if applicable.
- 2. Complete all relevant worksheets for your project (pages 6-8).**
- 3. Submit your application electronically by clicking "Email Application" (page 5).**
or fax to: 313.664.1950
or email to: saveenergy@dteenergy.com

or print and mail to: **DTE Energy Efficiency Program for Business**
P.O. Box 11289
Detroit, MI 48211

Contact us by phone at 866.796.0512 (option 3)

* A reservation application may not be required for your project, but is strongly encouraged to reserve funds. Submission of a reservation application does not guarantee that funds will be available.

Application overview

DTE Energy is offering energy efficiency incentives to agricultural customers interested in upgrading to more energy-efficient equipment as part of the DTE **Energy Efficiency Program for Business**.

Agriculture customers – including those on both residential and commercial rate codes – have access to a special list of energy efficiency measures designed specifically to meet the needs of the farming, dairy and greenhouse communities. These incentives are available only to commercial rate and residential rate customers whose primary source of income is from agricultural operations and activities.

Incentives available through this program are limited by customer for each program year (see table at right): only DTE electric customers may apply for electric incentives; only DTE gas customers may apply for gas incentives. Those customers who receive both electric and gas service from DTE may apply for all incentives.

	Electricity	Gas
Customer	\$1,000,000	\$300,000

Who can apply?

You must be a DTE Energy electric and/or natural gas customer in good standing. Your project must be installed at a facility served by DTE Energy.

- A customer is defined as the owner of the farming operations, with a unique taxpayer ID number, that is responsible for the DTE Energy utility bill for one or more facilities.
- A project is defined as a unique energy efficiency measure or set of measures implemented at a facility in a single time span.
- A facility is defined as a Michigan farm and its complex of buildings on a single contiguous property or individual single family dwellings. Each may have its own or be on a single meter that receives a residential rate. A single customer must be responsible for paying the DTE Energy utility (electric and/or natural gas) bill for this/these meter(s).

Installed equipment must meet the specifications explained in this application.

Reservation of funds

To make things easy, all you need to do is complete all the forms on an electronic version of this application and click the “Email Application” button on page 5. Reservations are strongly encouraged – and in some instances required – so that we can set aside funds for your project.

Installation

Complete your project within 90 days of your reservation letter or by Nov. 30, 2019, whichever comes first.

Inspections

DTE Energy reserves the right to inspect all projects to verify compliance with program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections. Detailed lighting layout descriptions, metering, data collection, interviews and other information may be requested as appropriate.

Final application (project completion)

Just like with the reservation application, you can also electronically submit your final application when your project is finished, or you can email, mail or fax it. Don't forget to attach all required documentation (including dated, itemized invoices and manufacturer specification sheets). The final application must be signed by the DTE Energy account holder and submitted within 60 days of project completion. The final application must be submitted within 60 days of completion of your project or by Nov. 30, 2019, whichever comes first. Applications submitted after that date will be canceled.

Specifications

For additional details on requirements for each measure please refer to the 2019 product catalog.

Customer information

Important: Please read the terms and conditions on the final application agreement before signing and submitting this application.

You must complete all information requested below and provide the required additional documentation to avoid delays in reservation or payment processing.

Who should we call with questions on the application? Customer Contractor

How did you learn about this incentive program? Mailing Meeting Email Website Other _____
 Bill insert Trade ally/contractor Print/TV advertising Account manager Michigan Saves

Name of applicant's business _____ Project or building name (if applicable) _____

Natural gas provider DTE Energy Consumers Energy Other _____

Electricity provider DTE Energy Consumers Energy Other _____

DTE Energy gas account number (at project location)

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DTE Energy electric account number (at project location)

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Name as it appears on DTE Energy bill _____

Name of contact person _____ Title of contact person _____

Contact phone # _____ Contact fax # _____

Contact email address _____

Mailing address _____ City _____ State _____ ZIP _____

Installation address _____ City _____ State _____ ZIP _____

Customer tax information (as entered on W9)

Tax status: Corporation (Inc., PC, Etc.) Exempt Partnership LLC Individual Government agency

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

EIN/Federal Tax ID

			-																
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OR

Social Security Number

			-				-												
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Primary contractor/distributor information

Self installed?

Name of company _____ Trade ally # _____

Name of contact person _____ Title of contact person _____

Contact phone # _____ Contact fax # _____

Contact email address _____

3rd Party agreement

Pay designated trade ally: \$ _____

If you are in a landlord/tenant situation, contact our office for information about the third-party payment option.

Final agreement information and account holder signature

DTE project number _____

Total project cost _____ Actual completion date _____

DTE account holder name (print) _____ DTE account holder title _____

DTE account holder signature _____ Date _____

For final applications, sign and submit only after all equipment has been installed. A customer signature is required for payment. Signed applications received by fax or email will be treated the same as original applications received by mail.

By signing this form, I agree to all terms and conditions listed.

Terms and conditions

FOR OFFICIAL USE ONLY

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Summary

Measure category	Incentive amount	Measure category	Incentive amount
HVAC - electric		HVAC - Gas	
Misc. electric		Insulation	
Process electric		Farm energy audit	
Custom lighting			
Total incentives requested			

Note: The above figures will self-populate in the electronic version.

Incentive request type

- Reservation** (I have not started my project yet and expect to complete it within 90 days)
- Revised reservation** (I already have a project number but the scope has changed) Project # _____
- Final with reservation** (I've completed my reserved project within the last 60 days and am ready for payment)
- Final without reservation** (I've completed my project within the last 60 days and my measures do not require a reservation)
- Revised final** (I've already submitted my final documentation but I have an update)

Required information

- I have attached all product specification sheets and invoices for every measure that I have selected
- I have read and agree to all program [terms and conditions](#)

Reservation submission date _____

Final submission date _____

Expected completion date** _____

Actual completion date*** _____

** Project funds will only be reserved to the date specified on the reservation letter or Nov. 30, 2019, whichever comes first.

***Application must be submitted within 60 days of completion date or by Nov. 30, 2019, whichever comes first.

NOTE: Some Prescriptive incentives and all Custom incentives require a reservation application prior to beginning your project.

EMAIL
APPLICATION

HVAC – electric

Fans

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-13	Circulation/exhaust/ventilation fans	24"-35" fan blade diameter	\$20.00	Fan	
AG-14		36"-47" fan blade diameter	\$35.00	Fan	
AG-15		48"-71" fan blade diameter	\$60.00	Fan	
AG-16	High-volume, low-speed fans	16-foot fan blade diameter	\$175.00	Fan	
AG-17		18-foot fan blade diameter	\$270.00	Fan	
AG-18		20-foot fan blade diameter	\$360.00	Fan	
AG-19		22-foot fan blade diameter	\$470.00	Fan	
AG-20		24-foot fan blade diameter	\$550.00	Fan	
AG-21	Fan thermostat controller (reservation required)		\$50.00	HP	

Miscellaneous electric

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-11	Low-energy livestock waterer	\$90.00	Waterer		

Process electric

Irrigation equipment

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-1	Variable frequency drives on irrigation systems (reservation required)	\$10.00	HP		
AG-2	Sprinkler to drip irrigation systems (reservation required)	\$10.00	Acre		
AG-3	Low pressure sprinkler nozzles (reservation required)	\$0.30	Nozzle		

Dairy equipment

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-4	Scroll compressor for dairy refrigeration	\$10.00	1,000 lbs milk/day		
AG-5	Variable frequency drive for vacuum pump (reservation required)	\$30.00	HP		
AG-6	VFD on milk pump (reservation required)	w/existing pre-cooler	\$30.00	1,000 lbs milk/day	
AG-7		w/new pre-cooler	\$65.00	1,000 lbs milk/day	
AG-8	Milk pre-cooler (heat exchanger, chiller savings)	\$0.07	lbs milk/day		

Grain dryers

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-9	Grain storage temp/moisture controller	\$20.00	HP		

All measures

Total agriculture HVAC – electric incentives

Total agriculture miscellaneous electric incentives

Subtotal agriculture process electric incentives - page 1

Tune-up checklist

- Clean and inspect condenser coils
- Clean and inspect evaporator coils
- Clean drain pan
- Inspect and clean fans
- Clean/replace screens, grills, filters and dryer cores
- Inspect/adjust heat reclaim operation
- Tighten all line voltage connections
- Inspect/replace relays and capacitors as needed
- Add/remove refrigerant charge as necessary

Description	Pre	Post
Record head pressure (psig)		
Record refrigerant charge (psig)		
Record subcooling (°F)		
Record superheat (°F)		
Record liquid line temperature (°F)		
Record defrost heater amperage draw (A)		
Record compressor motor amperage draw (A)		
Record condenser fan amperage draw (A)		
Record box product temperature (°F)		
Record suction pressure (psig)		
Record suction temperature (°F)		

Site name _____ Date of tune-up(s) _____

Company performing tune-up(s) _____ Technician performing tune-up(s) _____

Dairy refrigeration tune-up

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-10	Dairy refrigeration tune-up	\$0.01	lb milk/day		

VFDs for fans and pumps

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-22	VFD on fans ≤ 50 HP	750-2,000 hours/year	HP		
AG-23		more than 2,000 hours/year	HP		
AG-24	VFD on pumps ≤ 50 HP	750-2,000 hours/year	HP		
AG-25		more than 2,000 hours/year	HP		

Custom lighting

Ref# CU-1 Location (department, area, etc.) _____

Description	
Before retrofit	After retrofit

"Before" hours of operation calculation for this specific equipment				"After" hours of operation calculation for this specific equipment			
Hours/week	Weeks/year	Non-work days/year		Hours/week	Weeks/year	Non-work days/year	
Hours used per year (a)		kW (b)		Hours used per year (c)		kW (d)	

DLC product ID	Current energy cost (\$ per kWh)	Annual savings* (kWh/year) (A)	Incentive rate (\$ per kWh) (B)	Measure cost	Simple payback	Calculated incentive	Capped incentive
			\$0.05				

All measures

Subtotal agriculture process electric incentives - page 2	
Total agriculture process electric incentives	
Total agriculture custom incentives	

HVAC – gas

Grain dryers

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-26	High efficiency grain dryers (reservation required)	\$0.01	Bushels dried/year		

Greenhouses

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
AG-27	Greenhouse environmental controls	\$50.00	1,000 sq. ft.		
AG-28	Greenhouse under-floor/ under-bench hydronic heating	\$0.14	Square foot		
AG-29	without thermal curtain	\$0.08	Square foot		

Insulation

Greenhouses

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
IG-5	Greenhouse heat curtains	\$0.05	Square foot		
IG-6	Greenhouse infrared film	\$0.05	Square foot		

Farm energy audit

Ref#	Equipment type	Incentive	Unit	# of units	Total incentive
AG-12	Farm energy audit	\$1,000.00	Farm		

All measures

Total agriculture HVAC – gas incentives	
Total agriculture insulation incentives	
Total agriculture farm energy audit incentives	