

2024 Multifamily Energy Efficiency Program Overview

January 31, 2024

Thank you for joining, the presentation will begin shortly.

Presentation PowerPoint and recording will be distributed afterwards.

Agenda

- 2023 Program Highlights
- 2024 Program Offerings
- 2024 Program Focus
- Program Application Submission Process
- Multifamily Contractor Website
- Program Outreach Team



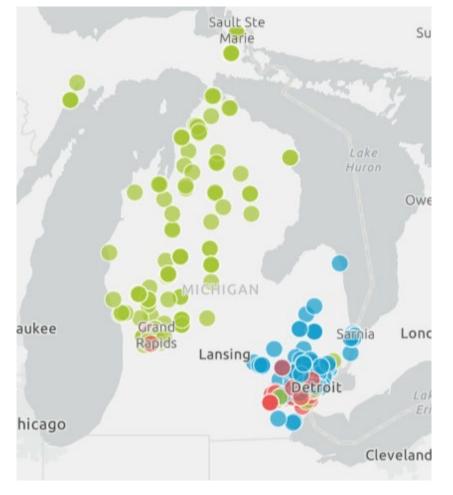


2023 Program Results

• MWh Saved: 12,500

• MCF Saved: 107,000

 239 Total Multifamily Properties Served





2024 Program Offerings

Income Qualified & Market Rate





DTE Multifamily Program Offerings

Make affordable energy efficient upgrades to increase your property value and reduce energy costs.

No-cost energy assessment

Not sure where to start?

An energy advisor will complete a walk-through of your building to assess what energy efficient enhancements will work best for your property.

The energy advisor will inspect and evaluate:

- HVAC
- · Plumbing equipment and fixtures
- · Building envelope
- · Insulation levels
- · Windows and doors
- · Lighting and electrical
- · Major appliances

Start saving today with the DTE Multifamily Program!

Call 866.796.0512

Email dtemultifamily@michiganefficiency.com Visit dteenergy.com/multifamily

Earn incentives

Prescriptive/Custom incentives

The DTE Energy Multifamily Program offers money back on upgrades to existing equipment located in individual units and common areas, including HVAC, interior and exterior lighting, and water heating products. To learn more about next steps and available products, visit dteenergy.com/multifamily

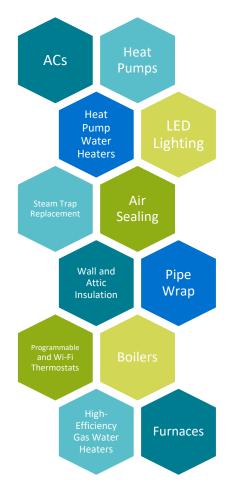
Income-qualified incentives

The DTE Multifamily Program offers increased incentives for properties that meet income-qualified guidelines. For a detailed list of income-qualified and program incentives, visit dteenergy.com/multifamily



2024 Rebates Offered

- Gas and Electric
- New Construction and Existing buildings with 3 or more units under one roof
- In-unit and Common Areas
- Prescriptive and Custom
 - Insulation/Air Sealing
 - HVAC
 - Water Heating
 - Tune-ups
 - LED Lighting
 - ENERGY STAR Appliances
 - Miscellaneous (pipe wrap, doors/windows, etc.)





2024 Income Qualified Catalog Changes



^{*}Applications are limited to \$100,000 per property per year, unless approved by the Program Team



Measure	2023	2024	Change
Screw-in LEDs	Eligible	Not Eligible	Eliminated due to federal requirements
LED Downlights	\$75	\$35	Decrease
Attic/Roof/Wall Insulation	\$400/1000 sf installed	\$800/1000 sf installed	Increase
Building Envelope Air Sealing	\$400/1000 sf installed	\$800/1000 sf installed	Increase
Cold-Climate Heat Pump (1.5 tons or less)	\$1,500/ton	\$5,000/Heat Pump in living unit	Change in unit (tons → heat pump)
Cold-Climate Heat Pump (greater than 1.5 tons)	\$1,500/ton	\$6,000/Heat Pump in living unit	Change in unit (tons → heat pump)
Furnace (in unit)	\$1,500/furnace	\$1,200/furnace	Decrease
Wi-Fi Thermostats	N/A	\$100	New
Clothes Dryer or Washer	N/A	\$150	New
Refrigerator	N/A	\$250	New
Continuous Bathroom Exhaust Fan	N/A	\$75	New
ASHRAE L2 Audit	N/A	\$6,000/Audit	New 8

2024 Market Rate Catalog Changes



Measure	2023	2024	Change
Screw-in LEDs	Eligible	Not Eligible	Eliminated due to federal requirements
Attic/Roof/Wall Insulation	\$150/1000 sf installed	\$300/1000 sf installed	Increase
Building Envelope Air Sealing	\$150/1000 sf installed	\$300/1000 sf installed	Increase
Cold-Climate Heat Pump (1.5 tons or less)	\$350/ton	\$1,400/Heat Pump in living unit	Change in unit (tons → heat pump)
Cold-Climate Heat Pump (greater than 1.5 tons)	\$350/ton	\$1,700/Heat Pump in living unit	Change in unit (tons → heat pump)
Wi-Fi Thermostats	N/A	\$75	New
Clothes Dryer or Washer	N/A	\$50	New
Refrigerator	N/A	\$50	New
Continuous Bathroom Exhaust Fan	N/A	\$25	New 9



^{*}Applications are limited to \$50,000 per property per year, unless approved by the Program Team

Equipment Requirements

Prescriptive Measure Specifications

Lighting

All Final Applications must include manufacturers' specification sheets for lamps and ballasts demonstrating compliance with the specifications listed below. All LED fixtures must be listed on the current ENERGY STAR or DesignLights Consortium (DLC) Qualified Products Lists at the time of Reservation Application. All incentives are for one-for-one replacements, except as noted.

LED Replacing CFL Fixture (Ref # CA-L5)

Incentives are available for replacing CFL downlights with LED fixtures. The replacements must be a complete luminaire unit and replace the reflector, lens, heat sink, driver, and light source. Screw-in or pin-based retrofits are not applicable for this measure.

LED Downlight (Ref # CA-L1 and IU-L1)

Incentives are available for replacing recessed incandescent/halogen fixtures with new LED fixtures. Available only for interior hardwired LED fixtures. Only complete, new fixtures or modular hardwired retrofits for interior applications qualify.

LED GU10 or Pin Base MR-16 (Ref # CA-L3 and IU-L2)

Incentives are available to replace existing incandescent/halogen or CFL MR-16 lamps with LED MR-16 lamps.

Exit Signs (Ref # CA-L2)

Incentives are available for high-efficiency exit signs replacing or retrofitting an existing incandescent or CFL exit sign. Electroluminescent, T1, and LED exit signs are eligible. Non-electrified and remote exit signs are not eligible. All replacement exit signs must be UL or ETL listed, have all fettime of 15 years. 2.5 watts per face, or 5 watts per sign.

Interior and Exterior Occupancy Sensors (Ref # CA-L6, CA-L7, CA-L8, and CA-L10)

Incentives are available for occupancy sensors for intermittent occupancy interior areas, which automatically turn lights off when

Stairwell Bi-Level Control (Ref # CA-L9)

Incentives are available for interior stainwell lighting controls in which stepped dimming occupancy controls consist of a lighting system that operates at full power and full light output when the space is occupied, then at a reduced power level and reduced light output when non-occupied. In order to qualify for this incentive, the occupancy sensor must be installed in an interior stainwell or passageway application requiring continuous (24 hours a day) by code. The occupancy sensor must be hard-wired; it can be passive infrared (PIR) or a microwave occupancy sensor, and the sensor must reduce the fixture output to use no more than 50% of full power.

This incentive may not be combined with the interior occupancy sensor measure. Fixtures that are retrofitted from fluorescent to LED are eligible to claim the Linear LED incentives in addition to the Stainwell Bi-Level Lighting Control incentive. There must be no previously existing automated lighting control in the area for which incentives are being applied.

Interior Linear LED (Ref # CA-L12 and CA-L34)

Incentives are available for Linear LED tubes and fixtures replacing existing fluorescent tubes in fixtures or replacing the whole fixture. The LED tubes or fixtures must have a minimum efficacy of 50 lumens per watt (In/W). Incentive is per watt reduced. Wattage differences resulting from a reduction in the quantity of lamps within a fixture (de-lamping) is eligible for inclusion in the incentive calculation. Wattage differences resulting from a reduction in the quantity of fixtures is not eligible for the prescriptive incentive, and must use the custom incentive category.

Exterior or Garage HID to LED Lighting Retrofit (Ref # CA-L18)

Incentives are available for replacing existing HIO fixtures with LED. Existing fixtures must operate less than 8760 hours per year. Fixture replacement must result in at least a 40% power reduction. LED fixtures must have a minimum efficacy of 35 lumens per watt. Incentive is per watt reduced.

Custom Measure Specifications

Electric and Gas

Reservation Applications MUST be submitted for all custom projects while the existing equipment is still in operation so that existing conditions (baseline) can be verified. Custom projects must involve a facility improvement that results in a permanent reduction in electrical (WMT) and/or natural gas (MF) energy usage due to an increase in system efficiency.

Service	Unit
Electric	kWh
Natural Gas	Mcf

Custom and prescriptive measures may be included on one application. Mixed measures, those with both prescriptive and custom aspects, must be separated into prescriptive and custom measures. Prescriptive measures, or portions thereof, are only eligible for prescriptive incentives. Custom measures or portions thereof, are only eligible for custom incentives. For custom measures or portions thereof, incentives are limited to 50% of the sum of all custom costs. The measure cost (MC) is the cost of implementing a measure less any costs incurred to achieve non-energy-related project benefits. Only costs associated with the incentivized energy savings measure should be included in the MC. The MC is the basis for determining the simple payback period for custom measures and is defined as either:

- For end-of-life equipment replacement measures, the cost differential between equipment meeting program efficiency criteria and equipment meeting the minimum efficiency allowable by code or industry standard. External labor costs may also be included.
- For retrofit, early replacement, or new technology measures, the cost of new equipment or components added to existing equipment for the purpose of improving energy efficiency. External labor costs may also be included.

For example, when replacing an existing space-heating boiler that is at the end of its useful life with a new, high-efficiency model, and differential between the high-efficiency model as standard-efficiency model is the MC. However, when adding a variable frequency drive to an existing boiler pump or when changing high-intensity discharge (HID) light fixtures to fluorescent fixtures, the MC is the purchase price of the VFD or light fixtures including any external contracted labor for the installation.

All Final Applications MUST include manufacturers' equipment specification sheets.

Custom electric projects must have a simple payback period equal to or greater than one year and less than or equal to eight years to be eligible for an incentive. Custom natural gas projects must have a simple payback period equal to or greater than one year to be eligible for an incentive. Project payback is equal to the ratio of the project MC divided by the annual energy savings. Projects that are NOT eligible for an energy efficiency incentive include, but are not limited to, the followine:

- Fuel switching (e.g., electric to gas or gas to electric)
- Changes in operational and/or maintenance practices or simple control modifications not involving capital costs
- · On-site electricity generation
- Projects that involve load-shifting/demand-limiting (and not kWh savings)
- Renewables
- · Power quality improvements

Requirements for Custom Lighting

All LED fixtures must be on the current ENERGY STAR or DesignLights Consortium (DLC) Qualified Products Lists.

Requirements for Custom Project Electricity and/or Natural Gas Savings Calculation

The annual electricity and/or gas savings must be calculated for custom projects using industry-accepted engineering algorithms or simulation models. The applicant must estimate the annual electricity and/or gas usage of both the existing and proposed equipment based on the current operation of the facility; If the existing equipment is at the end of its useful life, the applicant must substitute the baseline with equipment that would meet the applicable federal and local energy codes when calculating the annual energy savings. The applicant must be able to clearly describe the method used to calculate the savings. The applicant must provide all assumptions used in the calculations and justify or cite a precedent for the assumptions. Acceptable methods of determining custom project energy savings include detailed calculations, equipment or subsystem metering, and/or a huilding energen world. ITTP. Foreav will revey the anniciation.





2024 Program Focus

Deeper Retrofits and Weatherization

The Multifamily Program offers additional financial and logistical support for income qualified customers who are interested in deeper retrofits

The Program connects customers with contractors who have a contractor agreement on file

Contact your energy advisor if you are interested in bidding on these projects

HVAC and Water Heating

- Mini-Split Heat Pumps
- Electric Heat Pump Water Heaters

Insulation/Air Sealing

- Wall Insulation
- Attic Insulation
- Building Envelope Air Sealing

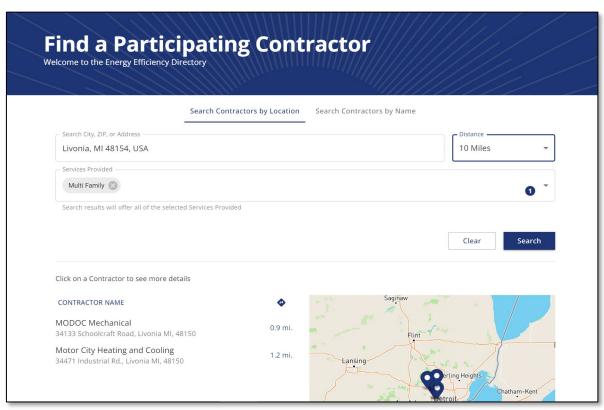


Energy Efficiency Directory

Tool designed to direct customer leads to you!

Your company's contact information can be listed in the Energy Efficiency Directory after your first application is submitted

dteenergy.com/eed





What is the Michigan Heat Pump Collaborative?

- The Michigan Heat Pump Collaborative aims to remove barriers to increase the adoption of heat pumps in Michigan.
- It is designed to bring top tier heat pump education opportunities and resources to contractors supporting Michigan residents.
- Website: miheatpumps.com
- We are here to support you!
- Sponsored by:







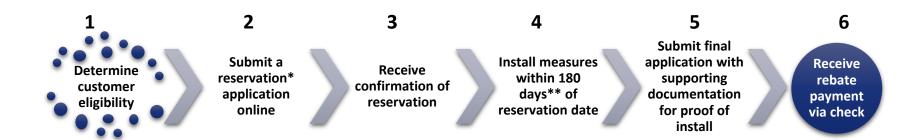






Application Submission Process

Rebate Application Process





^{*}Prescriptive projects over \$1,000 and all custom projects require a Reservation Application prior to the start of any work. Applications are approved individually and are subject to program funding availability.

^{**} If your application is for new construction or a LIHTC funded major renovation, reservation extensions will be evaluated and approved on a case-by-case scenario

Determine Eligibility

- Multifamily property must have DTE service and 3 or more units under one roof
- Both new construction and existing buildings are eligible
- Income-Qualified (Must meet any of the 4 eligibility requirements)
 - Enhanced rebates offered
- Market-rate
 - Standard rebates offered

Income Qualified Customers

DTE Energy offers an Income Qualified (IQ) component as part of the Multifamily Program. The Income Qualified program is focused on energy savings for both subsidized and income qualified public housing multifamily properties by offering enhanced incentives and specialized services for this segment. An Income Qualified Multifamily property may be eligible to participate if they meet any one the following requirements:

1. Participation in an affordable housing program.

Automatic qualification for any property that can provide evidence of participation in a federal, state, or local affordable housing program, for example: LIHTC, HUD, USDA, MSHDA, local tax abatement for income qualified properties, etc.

2. Location in an income qualified Census Tract.

Location within HUD's annually published "Qualified Census Tracts". More information can be found at www.huduser.gov/portal/sadda/sadda_qct.html.

Rent roll documentation.

Submission of rent rolls documenting that the average rents charged by a particular property are affordable to households meeting HUD's definition of income qualified. Properties with average rental rates at or below 80% of local "Fair Market Rent" as published annually by HUD will be eligible to participate in the Income Qualified incentives.

4. Resident income information

Submission of resident income information showing that at least 50% of apartment units are rented to households meeting one of the following criteria:

- A. At or below 200% of the Federal Poverty Level
- B. At or below 80% of Area Median Income

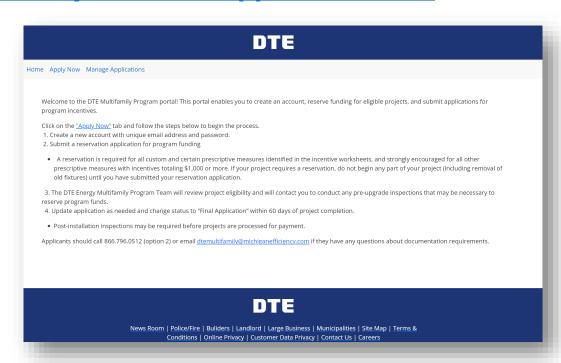


Application Submission Portal

Website URL: <u>dtemultifamily.customerapplication.com</u>

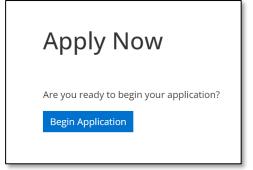
The portal allows you to:

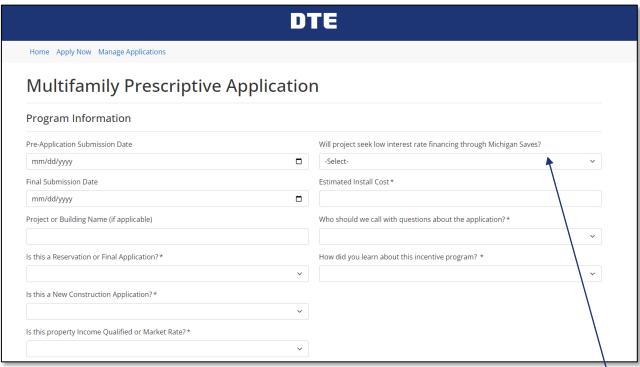
- Create a new account with unique email address and password
- Submit a reservation and final application for program funding
- View and manage your applications

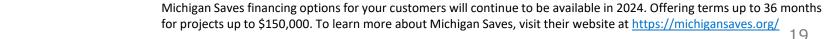




Application Submission Portal









Customer Details Section description Natural Gas Provider * DTE Energy DTE Energy Gas Account Number (at project location)



Building Information
Section description
Property name *
Building Type *
Number of Floors*
Total Sq. Footage (IU + CA) *
Year Built *
Total Number of Buildings on Property or Site *
Total Number of Buildings having at least 1 measure Installed or performed *
Total Number of Units on Property or Site *
Total Number of Units having at least 1 measure Installed or performed

Do any of the residents living at this property receive income-based rental subsidies?
-Select-
Is this property receiving funding through an affordable housing program?*
Is this property publicly or privately owned?
-Select-
Do the residents at the property own or rent their living unit?
-Select-
Are you receiving Multifamily new construction tax credits?
SELECT



HVAC and Water Heating
Primary Cooling Equipment Type *
Primary Heating System Fuel Type *
Primary Heat Equipment Type *
Hot Water Heater Fuel Type *
Hot Water Heating System *



Payment Information

Who do you wish to receive the rebate?*

Contractor (Release Required)

Final Agreement Information and Account Holder Signature Page

Before you submit: Review the Checklist above to ensure all incentive areas reflect the worksheets you've completed in this application. Please carefully read the Firal Application Agreement on page 8 and be sure to sign page 9 before submitting your paperwork.

Final Agreement Information and Account Holder Signature

DTE Project Number:	Actual Completion Date:
Total Project Cost:	Total Incentives Requested:
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. **By signing this form, I agree to all terms and conditions.**

Optional Third-Party Payment Authorization

Important Notes

Contact Phone #:

Complete the section below if the incentive payment is to be paid to a single entity other than the DTE Account Holder.

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 Measure Specifications and Final Apolication Agreement.

Authorized By (print name):	Title:
Phone #:	Email:
DTE Account Holder Signature:	Date:

Check Should Be Made Payable To

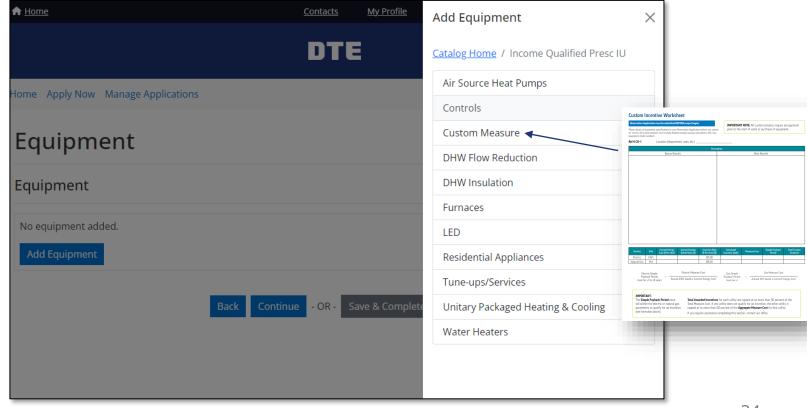
Company/Individual Name (payee):

Mailing Address:

City: State: ZIP Code:

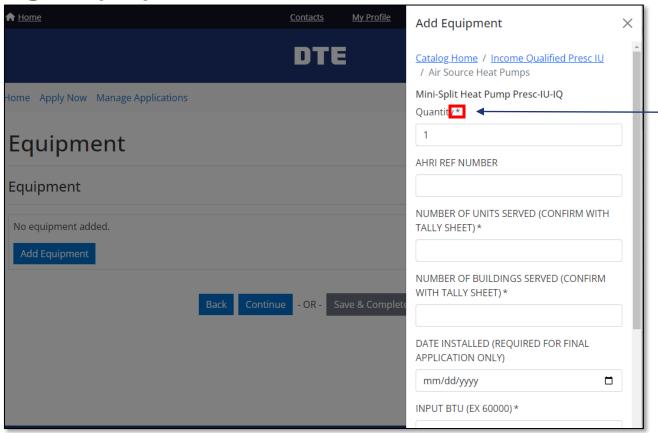


Adding Equipment Selections





Adding Equipment







Upload Supporting Documentation DTE Furnace Tune-up Checklist DTE Home Apply Now Manage Applications INVOICE Date: 1/1/2023 AND NUMBER Invoice # 00001 PROVIDER NAME AND ADDRESS CUSTOMER NAME AND ADDRESS Files XYZ Electrical Co. Joe Lighting 12345 First St. 12345 Electrical Rd. 12345 First St. Energytown, MI 12345 Energytown, MI 12345 Energytown, MI 12345 (123) 456-7890 (123) 444-5678 (123) 444-5678 Files Was furnace operating upon acrival? If not explain in notes INCLUDE IOB SITE INFORMATION (NAME & ADDRESS) IF DIFFERENT FROM ABOVE MANUFACTURER OR BRAND EXTENDED PRICE DESCRIPTION The following items need action by you. Click each item to complete. Green Creative 16.5A21/840/277V/R 16.5 W E26 Medium Base LED \$120.00 Reservations must include: 3-4' 9.5W Sylvania LED ment Information and Account Holder Signature Page 10 Sylvania LED9.5T8L48FG841BF \$1,500.00 Proposal/Scope of Work 25 Wisdom Light WSD-CP 45W 27-50K-D-M 45W LED Slim Canopy Light ore you submit: Review the Checklist above to ensure all incentive areas reflect the worksheets Manufacturers' Specifications e completed in this application. Please carefully read the Final Application Agreement on page 8 d be sure to sign page 9 before submitting your paperwork. Cost Less Lighting 11-SOVS-WH-MV Occupancy Sensor Income-qualification proof (if applicable) LED12T8/L36/FG/830/BF 1-3' 12W Sylvania LED nt Information and Account Holder Signature • Final Applications must include: 20W LED Wall Pack Light Wisdom Light WSD-WP02W27-xxK-P \$800.00 Manufacturers' Specifications INCLUDE ITEM COST Itemized Invoices DTE Account Holder Titl \$7,495.00 Measure Installation Tally Sheets SPECIFY THE QUANTITY INCLUDE A DETAILED Sales Tax \$44970 AHRI Certificate (preferred but not required) FOR EACH d-Party Payment Authorization IDENTIFY MANUFACTURER Third-Party Payment Authorization (if applicable) will the incentive payment is to be paid to a single entity other than the DTE Account Holder Income-qualification proof (if applicable) The following items need action by you. Click each item to complete. DTE Account Holder Signature Check Should Be Made Payable To **Document Upload** Supporting Documentation



Agree to Program Terms and Conditions

promotion and advertising purposes. See the Policies and Procedures Manual for more on promotional co-branding 12. App Commission (FERC) Order issued on June 1, 2012, at Docket No. ER11- 4081-000 ("FERC Order") approves of the inclusion of utility's resource adequacy plan (all italicized terms as defined in the FERC Order). Accordingly, Applicant and DTE Energy agreficiency resources, including but not limited to the right to identify them as a planning resource so as to include them in a fully to DTE Energy. Applicant agrees that it will not claim ownership in such energy efficiency resources for purposes of ider the FERC Order or include them in a resource adequacy plan. I have read and understand the measure specifications and Pr Program Policy and Procedures Manual and agree to abide by those requirements. Furthermore, I concur that I must meet a Program and not receive incentives from any other utility for the same project. I certify that the information on this Applicat understand that it is necessary for DTE Energy to store, use and share the information contained in this Application, as well project, including but not limited to my business name, address, account number and energy consumption data ("Customer authorize DTE Energy to collect, store and use the Customer Data for internal purposes and to present me with other energ to share the Customer Data with third party vendors/contractors who are doing work on DTE Energy's behalf.*



Back

Complete Application

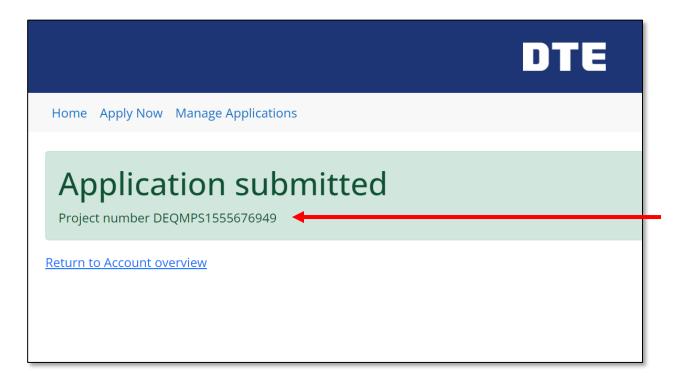
- OR -

Save & Complete Later





Submission Confirmation

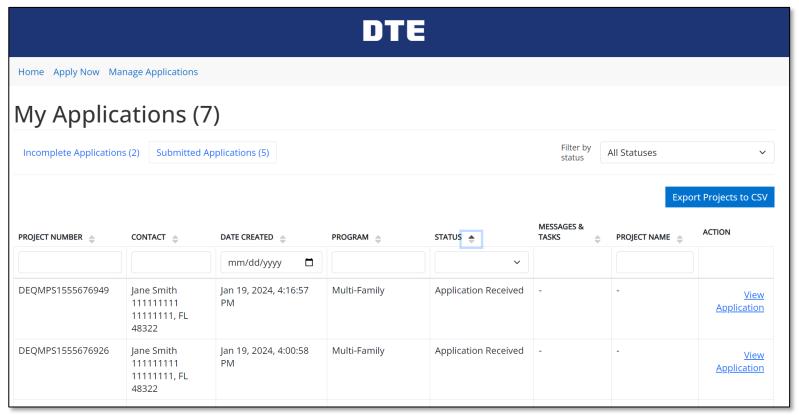


Use the project number as a reference if you have any follow-up questions or information for your application

Your Energy Advisor use the project number to find your application quickly

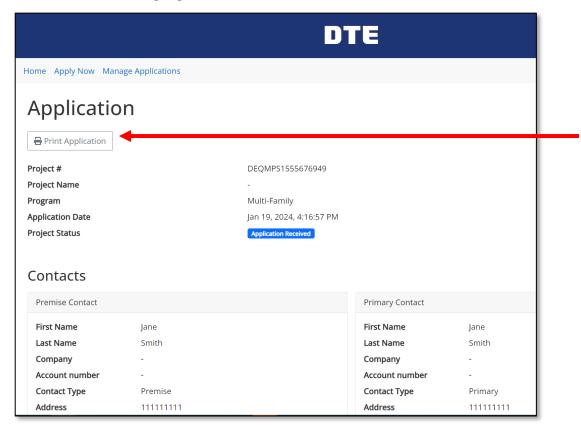


Manage Applications





Review Application

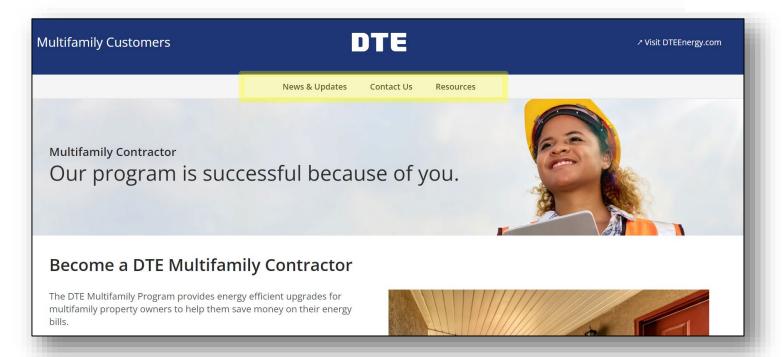


Option to print application as a PDF





Website URL: <u>www.DTEMultifamily.com</u>





Become a DTE Multifamily Contractor

The DTE Multifamily Program provides energy efficient upgrades for multifamily property owners to help them save money on their energy bills.

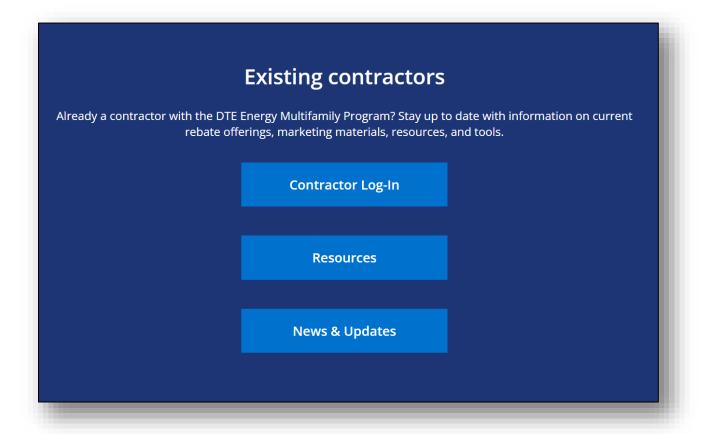
The program's valued contractors serve DTE Energy customers with multifamily program offerings. The program works because of your expertise and commitment to growing your business.

Through the DTE Multifamily Program you can enhance your business while helping customers within your community save money. Register today to become a contractor.

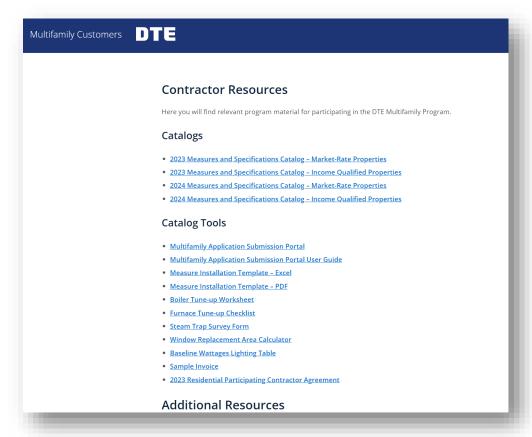
Get Started Today



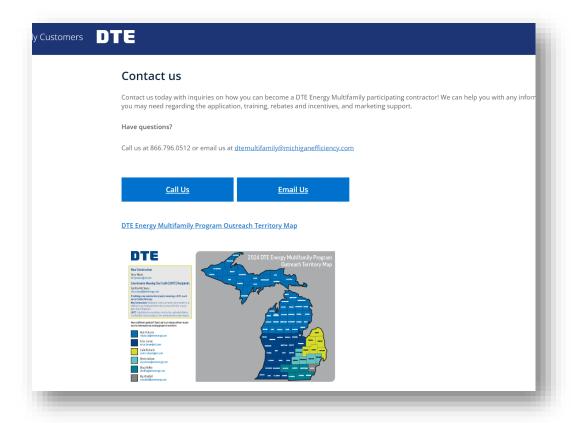
















Multifamily Outreach Team



New Construction

Terry Marts terry.marts@icf.com

Low-Income Housing Tax Credit (LIHTC) Recipients

Cynthia McCreary cmccreary@wmenergy.com

If building a new construction property receiving a LIHTC, reach out to Cynthia McCreary.

New Construction: Building of a structure where none existed or an addition to an existing structure that increases the floor area by more than 100 percent.

LIHTC: Subsidizes the acquisition, construction, and rehabilitation of affordable rental housing for low- and moderate-income tenants.

Have a different question? Reach out to an energy advisor in your area for information on existing property incentives:

Rick Fluharty rfluharty@wmenergy.com

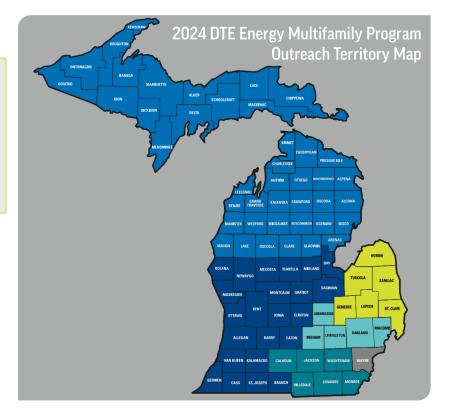
Erica Larsen erica,larsen@icf.com

Caile Richards caile.richards@icf.com

Devin Jackson dcjackson@wmenergy.com

Doug Kelley dkelley@wmenergy.com

Kip Waddell cwaddell@wmenergy.com







DTE Program Contact Information

DTE Website and Catalog

The DTE Energy Multifamily Program | DTE Energy

Contractor Website

www.DTEMultifamily.com

Program Phone and Email

(866) 796-0512 (option 2) dtemultifamily@michiganefficiency.com

Program Manager Contacts

Jennifer Abraham – Jennifer Abraham@icf.com





Questions?

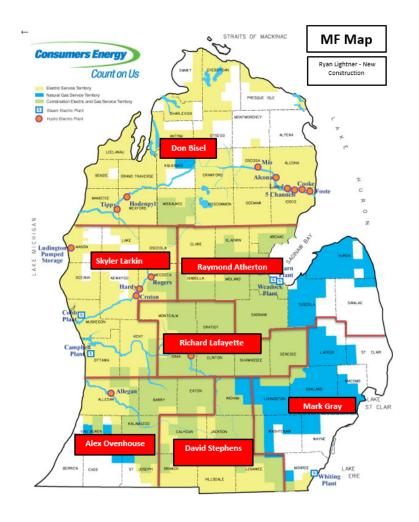
Consumers Energy Multifamily Program



Consumers Energy Multifamily

2024 Program updates and changes

- Catalog adjustments:
 - Energy Independence Security Act (EISA) measures removed and lighting moving to watts reduced
- Increased incentives
 - Lighting: Bi-level controls & Watts reduced measures
 - HVAC: Air source Heat Pumps & Combination Boilers



Energy Advisors

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- David Stephens
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- Mark Gray <u>mgray@franklinenergy.com</u>
- Ryan Lightner
 <u>rlightner@franklinenergy.com</u>
- Skyler Larkin
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- Richard Lafayette
 - richard.lafayette@franklinenergy.com
- Don Bisel
 - don.bisel@franklinenergy.com

Link to 2024 catalog – upcoming!

Link to Consumers energy video presentation

