

Multifamily Program

DTE

2021 Income Qualified Supplement



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Questions?

Call 866.796.0512 or email DTEMultifamily@michiganeficiency.com

About This Program

DTE Energy offers an Income Qualified 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. To submit an Income Qualified application, use the checklist, and application pages in the 2021 Measures and Specifications Catalog.

Customer Eligibility

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.

3. Rent Roll Documentation.

Submission of a rental list documenting that the average rents charged by a particular property are affordable to households meeting HUD's definition of low-income, which is 80% of Area Median Income. The starting point for this table will be rents at or below 80% of "Fair Market Rent" as published annually by HUD.

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

The DTE Multifamily Program Team reserves the right to determine Income Qualified eligibility.

Application Process

1. Are You Eligible?

To apply for incentives, you must be a DTE Energy customer in good standing and meet at least one of the above Income Qualifiers. The DTE Energy Multifamily Program specifically applies to properties with three (3) or more units under one roof. Your project must be installed at a facility served by DTE Energy (one facility per application). Customers who purchase natural gas from a third party but have a DTE Energy account for transportation of natural gas must receive approval for natural gas projects.

2. About the Measures

Equipment installed must meet the specifications detailed in the Program Catalog. Consult the incentive worksheets included for specific information on each measure available. If you need assistance with understanding technical information or the feasibility of installing certain measures, contact our Program Team.

3. Reservation Application

Before you start your project, submit your application to reserve incentives from our limited funds. Reservation Applications are required for all in-unit and custom measures, and are strongly encouraged for all other projects. Incentive Pre-Approval requirements are noted on the Incentive Worksheets. A custom project is one with measures that are not on our list of prescriptive measures. Once your application is submitted, a member of our Program Team will contact to you to confirm receipt and will provide pre-approval, if applicable.

4. Installation

Complete your project within 90 days of receiving a Reservation Letter from us that confirms we are holding incentives for you. All projects must be completed and have Final Applications submitted by Nov. 30, 2021.

5. Project Completion (Final Application)

Final Applications and required documentation must be submitted within the reservation period, within 60 days of completion of your project, or by Nov. 30, 2021, whichever comes first. Applications received after that date may not be processed. Required documentation includes dated, itemized invoices and manufacturers' specification sheets. You must also agree to the final terms and conditions and confirm the final incentives requested via Efficiency Navigator or paper application.

When meeting in-person, social distancing will be practiced and team members will wear a mask and gloves. For everyone's safety we ask that you also wear a mask.

Prescriptive Incentive Worksheets

Lighting Incentive Worksheet

LED Lamp Replacing Incandescent/Halogen - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-L1	Interior LED replacing A-Line 50-80W Lamp	\$5.00	Lamp		
CA-L2	Interior LED replacing A-Line 80-100W Lamp	\$5.00	Lamp		
CA-L3	Interior LED Flood Par/BR/R Lamp	\$5.00	Lamp		
CA-L4	Interior LED Candelabra Lamp with 24/7 operation	\$10.00	Lamp		
CA-L5	Interior LED Candelabra Lamp with non-24/7 operation	\$5.00	Lamp		
CA-L6	Exterior LED A-Style Screw-In Lamp	\$3.50	Lamp		
CA-L7	LED Downlight	\$75.00	Fixture		
CA-L8	LED Exit Signs Electronic Fixtures Retrofit or Replacement	\$100.00	Fixture		

LED Lamp Replacing CFL (Interior or Exterior) - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-L9	LED PAR/BR/R Lamp	\$5.00	Lamp		
CA-L10	LED <9W A-Style Lamp	\$3.50	Lamp		
CA-L11	LED 9-14W A-Style Lamp	\$3.50	Lamp		
CA-L12	LED 15-20W A-Style Lamp	\$3.50	Lamp		
CA-L13	LED >20W A-Style Lamp	\$3.50	Lamp		
CA-L14	LED Candelabra Lamp	\$5.00	Lamp		
CA-L15	LED MR16 Lamp	\$8.00	Lamp		
CA-L16	CFL Fixture to LED	\$20.00	Fixture		

Lighting Controls - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-L17	Interior Occupancy Sensor serving <150 sq ft	\$50.00	Sensor		
CA-L18	Interior Occupancy Sensor serving 150-500 sq ft	\$100.00	Sensor		
CA-L19	Interior Occupancy Sensor serving >500 sq ft	\$200.00	Sensor		
CA-L20	LED Stairwell Bi-Level Control	\$1000.00	kW controlled		
CA-L21	Exterior Occupancy Sensor	\$1.20	Watt controlled		
CA-L22	Garage LED Bi-Level Control	\$50.00	Fixture controlled		

LED Lamp Replacing Incandescent/Halogen - In-Unit (Pre-Approval Required)

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-L1	Interior LED replacing A-line 50-80W Lamp	\$3.50	Lamp		
IU-L2	Interior LED replacing A-line 80-100W Lamp	\$5.00	Lamp		
IU-L3	Interior LED Flood Par/BR/R Lamp	\$5.00	Lamp		
IU-L4	Interior LED Candelabra Lamp with non-24/7 operation	\$5.00	Lamp		
IU-L5	Exterior LED A-Style Screw-In Lamp	\$3.50	Lamp		
IU-L6	LED Downlight	\$75.00	Fixture		
IU-L7	LED Globe	\$5.00	Lamp		

Incentive Subtotal	
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Interior Linear LED - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>10x 4 Lamp T12 to LED</i>	<i>10</i>	<i>144</i>	<i>40</i>	<i>1040</i>	<i>\$1.25</i>	<i>\$1,300.00</i>
CA-L23						\$1.25	
CA-L24						\$1.25	
CA-L25						\$1.25	
CA-L26						\$1.25	

Exterior or Garage HID to LED - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>4x 400 watt HID to 150 watt LED</i>	<i>4</i>	<i>455</i>	<i>150</i>	<i>1220</i>	<i>\$1.25</i>	<i>\$1,525</i>
CA-L27						\$1.25	
CA-L28						\$1.25	
CA-L29						\$1.25	
CA-L30						\$1.25	

HID lights include: Metal Halide, Mercury Vapor, High Pressure Sodium and Low Pressure Sodium

Interior HID to Mogul Base LED - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>4x 400 watt HID to 150 watt LED</i>	<i>4</i>	<i>455</i>	<i>150</i>	<i>1220</i>	<i>\$1.25</i>	<i>\$1,525</i>
CA-L31						\$1.25	
CA-L32						\$1.25	
CA-L33						\$1.25	

HID lights include: Metal Halide, Mercury Vapor, High Pressure Sodium and Low Pressure Sodium

Exterior HID to Mogul Base LED - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>4x 400 watt HID to 150 watt LED</i>	<i>4</i>	<i>455</i>	<i>150</i>	<i>1220</i>	<i>\$1.25</i>	<i>\$1,525</i>
CA-L34						\$1.25	
CA-L35						\$1.25	
CA-L36						\$1.25	

HID lights include: Metal Halide, Mercury Vapor, High Pressure Sodium and Low Pressure Sodium

Note: Incentive is based on watts reduced.

Incentive Subtotal	
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Interior Liner LED (24/7 Usage) - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>10x 4 lamp T12 to LED</i>	<i>10</i>	<i>144</i>	<i>40</i>	<i>1040</i>	<i>\$1.50</i>	<i>\$1560</i>
CA-L37						\$1.50	
CA-L38						\$1.50	
CA-L39						\$1.50	

Garage HID to LED (24/7 Usage) - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>4x 400 watt HID to 150 watt LED</i>	<i>4</i>	<i>455</i>	<i>150</i>	<i>1220</i>	<i>\$1.50</i>	<i>\$1830</i>
CA-L40						\$1.50	
CA-L41						\$1.50	
CA-L42						\$1.50	

Interior or Garage HID to Mogul Base LED (24/7 Usage) - Common Area

Ref #	Brief Description of Pre- and Post-Fixtures	# of Fixtures (B)	Pre-Upgrade Watts Per Fixture (C)	Post-Upgrade Watts Per Fixture (D)	Total Watts Reduced (B x (C - D)) = (E)	Incentive \$ Per Watts Reduced (F)	Total Incentive (E*F)
<i>Example</i>	<i>4x 400 watt HID to 150 watt LED</i>	<i>4</i>	<i>455</i>	<i>150</i>	<i>1220</i>	<i>\$1.50</i>	<i>\$1830</i>
CA-L43						\$1.50	
CA-L44						\$1.50	
CA-L45						\$1.50	

Incentive Subtotal	
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HVAC Electric Incentive Worksheet

HVAC Electric - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-E1	Unitary and Split Air Conditioning Systems	\$50.00	Tons		
CA-E2	Room Air Conditioners <8,000 Btu hr	\$250.00	AC Unit		
CA-E3	Room Air Conditioners ≥8,000 Btu hr	\$350.00	AC Unit		

Ref #	Equipment Type	Incentive	Unit	# of Units	Total area of conditioned space (square feet)	Total Incentive
CA-E4	Programmable Thermostat (Air Conditioning) Common Area	\$80.00	Thermostat			

HVAC Electric - In-Unit

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-E1	Room Air Conditioners <8,000 Btu hr	\$250.00	Unit		
IU-E2	Room Air Conditioners ≥8,000 Btu hr	\$350.00	Unit		
IU-E3	Packaged Terminal Heat Pump	\$700.00	Ton		
IU-E4	Packaged Terminal Air Conditioner	\$400.00	Ton		
IU-E5	Air-Source Heat Pump (Mini-Split)	\$500.00	Ton		

Ref #	Equipment Type	Incentive	Unit	# of Units	Total area of conditioned space (square feet)	Total Incentive
IU-E6	Programmable Thermostat (Air Conditioning) In-Unit	\$80.00	Thermostat			

Space Cooling Chiller Tune-Up

Checklist

Site Name		Date of Tune-Up	
Manufacturer		Type (Ref. Charge/DX coil/Chiller)	
Model Number	Annual Hours of Operation	Serial Number	Unit Size (Tons)
Company Performing Tune-Up		Technician Performing Tune-Up	

All must be completed:

- | | | |
|--|--|--|
| <input type="checkbox"/> Inspect and correct oil level and pressure at full load operation | <input type="checkbox"/> Check and repair economizer operation | <input type="checkbox"/> Check suction pressure and temp |
| <input type="checkbox"/> Clean the air-cooled condenser coils | <input type="checkbox"/> Validate suction temperature and pressure | <input type="checkbox"/> Validate low-pressure controls |
| <input type="checkbox"/> Check and adjust the system pressure | <input type="checkbox"/> Patch and wash coat as required | <input type="checkbox"/> Validate crankcase heater operation |
| <input type="checkbox"/> Inspect and/or replace filters | <input type="checkbox"/> Check for proper venting | <input type="checkbox"/> Clean water cooled chiller evaporator tubes (if performance warrants) |
| <input type="checkbox"/> Inspect and/or replace belts | <input type="checkbox"/> Check and repair evaporator condition | <input type="checkbox"/> Validate subcooling and superheat |
| <input type="checkbox"/> Check and repair the electrical contractors | <input type="checkbox"/> Validate compressor amp draw | <input type="checkbox"/> Inspect all refractory |
| <input type="checkbox"/> Check refrigerant temperature and pressure | <input type="checkbox"/> Validate supply motor amp draw | <input type="checkbox"/> Check safety controls |
| <input type="checkbox"/> Validate high-pressure controls | <input type="checkbox"/> Validate condenser fan(s) amp draw | <input type="checkbox"/> Lubricate all motors and check coupling alignment |
| <input type="checkbox"/> Clean water-cooled chiller condenser tubes | <input type="checkbox"/> Check liquid line temperature | |

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-E5	Chiller Tune-Up	\$10.00	Ton		

Incentive Subtotal	
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Hot Water Incentive Worksheet

Hot Water - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-W1	Indirect Domestic Hot Water Heating System	\$4.50	Input MBH		
CA-W2	Tankless Water Heater	\$350.00	Heater		
CA-W3	Pool Heater (gas heat)	\$5.00	Input MBH		
CA-W4	Gas Storage Water Heater ≤55 gallons	\$400.00	Heater		
CA-W5	Combination Heating/DHW Boiler	\$25.00	Input MBH		

Hot Water - In-Unit

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-W1	Tankless Water Heater	\$350.00	Heater		
IU-W2	Gas Storage Water Heater ≤55 gallons	\$400.00	Heater		
IU-W3	Low Flow Showerhead - Gas Water Heat	\$25.00	Unit		
IU-W4	Low Flow Bathroom Aerator - Gas Water Heat	\$7.00	Unit		
IU-W5	Low Flow Kitchen Aerator - Gas Water Heat	\$7.00	Unit		
IU-W6	Low Flow Showerhead - Electric Water Heat	\$25.00	Unit		
IU-W7	Low Flow Bathroom Aerator - Electric Water Heat	\$7.00	Unit		
IU-W8	Low Flow Kitchen Aerator - Electric Water Heat	\$7.00	Unit		
IU-W9	Pipe Wrap - DHW (>120°F)	\$4.00	Linear Ft		
IU-W10	Heat Pump Domestic Water Heater	\$1000.00	Heater		

HVAC Gas Incentive Worksheet

HVAC Gas - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-G1	Boiler Water Reset Control Retrofit	\$1.50	Input MBH		
CA-G2	Furnace Retrofit	\$1000.00	Furnace		
CA-G3	Space Heating Boiler <300 MBH input (≥92% AFUE)	\$15.00	Input MBH		
CA-G4	Space Heating Boiler <300 MBH input (≥95% AFUE)	\$25.00	Input MBH		
CA-G5	Space Heating Boiler 300-2500 MBH input (≥88% Thermal Eff.)	\$4.00	Input MBH		
CA-G6	Space Heating Boiler 300-2500 MBH input (≥90% Thermal Eff.)	\$6.00	Input MBH		
CA-G7	Space Heating Boiler >2500 MBH input (≥88% Combustion Eff.)	\$4.00	Input MBH		
CA-G8	Space Heating Boiler >2500 MBH input (≥90% Combustion Eff.)	\$6.00	Input MBH		
CA-G9	Steam Trap Repair or Replacement	\$300.00	Trap		
CA-G10	Infrared Heaters	\$5.00	Input MBH		
CA-G11	Programmable Thermostat (Gas Heat)	\$80.00	Thermostat		

HVAC Gas - In-Unit

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-G1	Furnace Retrofit	\$1000.00	Furnace		
IU-G2	Programmable Thermostat (Gas Heat)	\$80.00	Thermostat		
IU-G3	Vertical Packaged HVAC Unit	\$1200.00	Unit		

Incentive Subtotal	
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Miscellaneous Gas Incentive Worksheet

Pipe Wrap - Common Area (Pre-Approval Required)

All pipe wrap incentives are limited to 500 linear feet.

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-G12	Pipe Wrap - Steam Boiler (>250°F)	\$10.00	Linear Foot		
CA-G13	Pipe Wrap - Hot Water Boiler (>180°F)	\$8.00	Linear Foot		
CA-G14	Pipe Wrap - Domestic Hot Water (>120°F)	\$8.00	Linear Foot		
CA-G15	Pipe Wrap - PEX Domestic Hot Water (>120°F)	\$6.00	Linear Foot		

Miscellaneous Gas Incentives - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-G16	Exterior Door Retrofit	\$100.00	Door		
CA-G17	Window Retrofit	\$4.00	Sq. Foot		
CA-G18	Airtight Can Light	\$20.00	Lamp		
CA-G19	Attic Insulation	\$400.00	1000sf		
CA-G20	Wall Insulation	\$300.00	1000sf		
CA-G21	Duct Sealing	\$120.00	1000sf		

Furnace/Boiler Tune-Up Incentive Worksheet

Tune-Up Checklist

Site Name		Date of Tune-Up			
Manufacturer	Type (check one)	<input type="checkbox"/> Hot Water Boiler	<input type="checkbox"/> Steam Boiler	<input type="checkbox"/> Furnace	<input type="checkbox"/> RTU
Model Number		Annual Hours of Operation			
Serial Number		Unit Input Capacity (MBH)			
Company Performing Tune-Up		Technician Performing Tune-Up			

- | | |
|--|---|
| <input type="checkbox"/> Measure post-combustion efficiency using electronic flue gas analyzer | <input type="checkbox"/> Include a copy of the combustion analyzer post-test (boilers only) |
| <input type="checkbox"/> Adjust combustion airflow and air intake as needed, reduce excessive stack temperatures | <input type="checkbox"/> Check safety controls |
| <input type="checkbox"/> Adjust burner and gas input, manual or motorized draft controls | <input type="checkbox"/> Check adequacy of combustion air intake |
| <input type="checkbox"/> Clean burners, combustion chamber and heat exchanger surfaces | <input type="checkbox"/> Check for proper venting |
| <input type="checkbox"/> Complete visual inspection of system piping and installation | <input type="checkbox"/> Check draft control dampers |
| | <input type="checkbox"/> Clean and inspect burner nozzles |

Tune-Up - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-G22	Domestic Hot Water Tune-Up ≥199 Input MBH	\$150.00	Boiler		
CA-G23	Furnace Tune-Up 40-80 MBH	\$50.00	Furnace		
CA-G24	Furnace Tune-Up 81-120 MBH	\$80.00	Furnace		
CA-G25	Space Heating Boiler Tune-Up 110-250 Input MBH	\$180.00	Boiler		
CA-G26	Space Heating Boiler Tune-Up 251-500 Input MBH	\$400.00	Boiler		
CA-G27	Space Heating Boiler Tune-Up >500 Input MBH	\$675.00	Boiler		

Tune-Up - In-Unit

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-G4	Domestic Hot Water Tune-Up ≥199 Input MBH	\$150.00	Boiler		
IU-G5	Furnace Tune-Up 40-80 MBH	\$50.00	Furnace		
IU-G6	Furnace Tune-Up 81-120 MBH	\$80.00	Furnace		
IU-G7	Space Heating Boiler Tune-Up 110-250 Input MBH	\$180.00	Boiler		
IU-G8	Space Heating Boiler Tune-Up 251-500 Input MBH	\$400.00	Boiler		
IU-G9	Space Heating Boiler Tune-Up >500 Input MBH	\$675.00	Boiler		

Incentive Subtotal					
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New Construction Incentive Worksheet

Low Rise (3 stories or less) - Common Area

All pipe wrap incentives are limited to 500 linear feet. Incentives for projects >500 linear feet REQUIRE PRE-APPROVAL.

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-N1	Space Heating Boiler <300 MBH input (≥92% AFUE)	\$15.00	Input MBH		
CA-N2	Space Heating Boiler <300 MBH input (≥95% AFUE)	\$25.00	Input MBH		
CA-N3	Space Heating Boiler 300-2500 MBH input (≥88% Thermal Eff.)	\$4.00	Input MBH		
CA-N4	Space Heating Boiler 300-2500 MBH input (≥90% Thermal Eff.)	\$6.00	Input MBH		
CA-N5	Space Heating Boiler >2500 MBH input (≥88% Combustion Eff.)	\$4.00	Input MBH		
CA-N6	Space Heating Boiler >2500 MBH input (≥90% Combustion Eff.)	\$6.00	Input MBH		
CA-N7	Furnace	\$1000.00	Furnace		
CA-N8	Exterior Door	\$100.00	Door		
CA-N9	Domestic Hot Water Heater ≤55 Gallons	\$200.00	Water Heater		
CA-N10	Domestic Hot Water Heater >55 Gallons	\$100.00	Water Heater		
CA-N11	Large High Efficiency Gas Water Heater	\$400.00	Water Heater		
CA-N12	Instant Domestic Hot Water Heater	\$350.00	Water Heater		
CA-N13	High Efficiency Indirect DHW Heater	\$4.50	Input MBH		

High Rise (4 stories or greater) - Common Area

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
CA-N14	Space Heating Boiler <300 MBH input (≥92% AFUE)	\$15.00	Input MBH		
CA-N15	Space Heating Boiler <300 MBH input (≥95% AFUE)	\$25.00	Input MBH		
CA-N16	Space Heating Boiler 300-2500 MBH input (≥88% Thermal Eff.)	\$4.00	Input MBH		
CA-N17	Space Heating Boiler 300-2500 MBH input (≥90% Thermal Eff.)	\$6.00	Input MBH		
CA-N18	Space Heating Boiler >2500 MBH input (≥88% Combustion Eff.)	\$4.00	Input MBH		
CA-N19	Space Heating Boiler >2500 MBH input (≥90% Combustion Eff.)	\$6.00	Input MBH		
CA-N20	Domestic Hot Water Heater ≤55 Gallons	\$200.00	Water Heater		
CA-N21	Domestic Hot Water Heater >55 Gallons	\$100.00	Water Heater		
CA-N22	Large High Efficiency Gas Water Heater	\$400.00	Water Heater		
CA-N23	Instant Domestic Hot Water Heater	\$350.00	Water Heater		
CA-N24	High Efficiency Indirect DHW Heater	\$4.50	Input MBH		

In-Unit (Low Rise or High Rise)

Ref #	Equipment Type	Incentive	Unit	# of Units	Total Incentive
IU-N1	Room Air Conditioners <8000 BTU	\$80.00	Unit		
IU-N2	Room Air Conditioners ≥8000 BTU	\$100.00	Unit		
IU-N3	Low Flow Showerhead	\$20.00	Unit		
IU-N4	Low Flow Bathroom Aerator	\$4.00	Unit		
IU-N5	Low Flow Kitchen Aerator	\$4.00	Unit		
IU-N6	Furnace	\$1000.00	Furnace		
IU-N7	Heat Pump Domestic Water Heater	\$1000.00	Heater		
IU-N8	Packaged Terminal Heat Pump	\$700.00	Ton		
IU-N9	Air Source Heat Pump (Mini-Split)	\$500.00	Ton		

Incentive Subtotal	
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Custom Incentive Worksheet

Custom Worksheet Instructions

Reservation Application must be submitted BEFORE project begins

IMPORTANT NOTE: All custom projects require pre-approval prior to the start of work or purchase of equipment.

Use this information to help you complete your Custom Incentive Worksheet. Total Awarded Incentives are calculated at no more than 50 percent of the respective Measure Costs for electric and gas items. All custom incentive applications must include your energy savings calculations and supporting documentation.

1. Please use a separate item box for each custom measure. Write the "Reference Number" for each item on all specification sheets and invoices related to that specific item and attach to your Final Application.
2. **Before Retrofit and After Retrofit:** Please be as specific as possible. Include quantity, product type/name, make/model, size, wattage, etc.
3. **Current Energy Cost** (\$ per unit), Enter your current average energy cost for the existing equipment.

$$\text{Your current Natural Gas Costs} = \frac{\text{Sum of 12 consecutive monthly utility bills for natural gas (\$)}}{\text{Sum of natural gas used during the same 12 consecutive months as above (Ccf) x 1 Mcf/10 Ccf}}$$

$$\text{Simple Payback Period} = \frac{\text{Aggregate Measure Cost}}{(\text{Annual kWh Saved x Electricity Cost}) + (\text{Annual Mcf Saved x Natural Gas Cost})}$$

4. Enter your **Annual Electric Savings** by kWh. **You must provide supporting calculations.**
5. Enter your **Annual Natural Gas Savings** by Mcf. **You must provide supporting calculations.**
6. Determine your **Calculated Incentive** for each measure by multiplying the **Annual Electric Savings** by \$0.30/kWh and the **Annual Natural Gas Savings** by \$18.00/Mcf.
7. Next, enter the **Measure Cost**. Only include costs associated with the rebated energy savings measure. Internal labor costs cannot be included. Also, do not include any costs incurred to achieve non-energy-related project benefits. Measure cost information:
 - a) **For end-of-life equipment replacement measures:** the cost difference between equipment meeting program efficiency criteria and equipment meeting the minimum efficiency allowable by code or industry standard
 - b) **For retrofit, early replacement and new technology measures:** the cost of new equipment, components and labor or materials replacing or added to existing equipment for the purpose of improving its energy efficiency.

Custom Incentive Worksheet

Reservation Application must be submitted BEFORE project begins

IMPORTANT NOTE: All custom projects require pre-approval prior to the start of work or purchase of equipment.

Please attach all equipment specifications to your Reservation Application before you submit for review. All custom projects must include detailed energy-savings calculations with new equipment model numbers.

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

Description	
Before Retrofit	After Retrofit

Service	Unit	Current Energy Cost (\$ Per Unit)	Annual Savings (Units/Year) (A)	Incentive Rate (\$ Per Unit) (B)	Calculated Incentive (AxB)	Measure Cost	Simple Payback Period	Total Custom Incentive
Electric	kWh			\$0.30				
Natural Gas	Mcf			\$18.00				

Ref # CU-2 Location (department, area, etc.) _____

Description	
Before Retrofit	After Retrofit

Service	Unit	Current Energy Cost (\$ Per Unit)	Annual Savings (Units/Year) (A)	Incentive Rate (\$ Per Unit) (B)	Calculated Incentive (AxB)	Measure Cost	Simple Payback Period	Total Custom Incentive
Electric	kWh			\$0.30				
Natural Gas	Mcf			\$18.00				

Electric Simple Payback Period must be ≥ 1 to ≤ 8 years

$$= \frac{\text{Electric Measure Cost}}{\text{Annual kWh Saved} \times \text{Current Energy Cost}}$$

Gas Simple Payback Period must be ≥ 1

$$= \frac{\text{Gas Measure Cost}}{\text{Annual Mcf Saved} \times \text{Current Energy Cost}}$$

IMPORTANT:

The **Simple Payback Period** must fall within the electric or natural gas parameters to qualify for an incentive (see formulae above).

Total Awarded Incentives for each utility are capped at no more than 50 percent of the Total Measure Cost. If one utility does not qualify for an incentive, the other utility is capped at no more than 50 percent of the **Aggregate Measure Cost** for that utility.

If you require assistance completing this section, contact our office.

Total Custom Measure Cost	
Total Custom Incentives	

For assistance, call
866.796.0512
or visit our website:
dteenergy.com/multifamily



DTE