



Program Manual

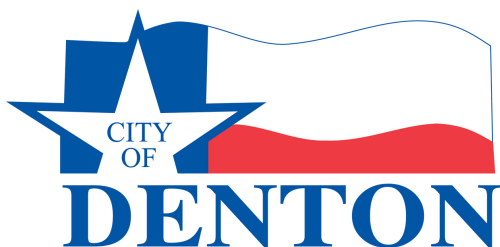




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FOR QUESTIONS PLEASE CONTACT



940-349-7733



Rebates@cityofdenton.com



[https://www.cityofdenton.com/
340/Rebates-Resources](https://www.cityofdenton.com/340/Rebates-Resources)

**ONLINE
APPLICATION
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Program Overview

The objective of the GreenSense Incentive Program is to reduce energy demand and consumption by encouraging energy conservation, thereby reducing the utility bills of Denton Municipal Electric (DME) customers, reducing peak load, and reducing emissions in the state. The program offers incentives in the form of a cash incentive and/or a credit on the electric service bills of the City's electric retail customers. Cash incentives may be paid to landlords for the installation of energy efficiency upgrades at their property.

In light of costs associated with the Greensense Program and to mitigate potential risks to ratepayers, any participant in the Program must be, at the time this program is applied for and continuing while such program is in effect, a customer in good standing of all Denton Municipal Utilities, including Solid Waste Services. Unless legal review procedures have been invoked in good faith regarding the obligation, a customer in good standing for the purpose of this Rider is defined as a customer not owing any unpaid utility or solid waste debt obligation that is over forty-five (45) days past due to the City of Denton, Texas during the previous 12 months.

Program applicants will be able to qualify for multiple incentives simultaneously, unless specified in the individual incentive guidelines. A separate application may be necessary for each incentive. The Program will be in effect each fiscal year beginning on October 1, until the allotted funding is depleted or until cancelation of the program by the City. At the time the funds are depleted, no additional applications for participants will be accepted until the next fiscal year.



Program Overview

Application for Payment

In order for energy efficient upgrades to qualify under the Program Guidelines, an Application for Payment form must be completed and submitted within one hundred and eighty (180) days of installation of the energy efficient upgrades. For the overall effects of the energy efficiency upgrades to be measurable and verifiable through the deemed standards approved by the Public Utility Commission of Texas (PUCT), the complete information must be recorded for each installation. Applications for Payment, which must be accompanied by a copy of the invoice detailing work completed and efficiency measures installed as well as any technical data on the installed energy efficient upgrade must be completed and submitted to the Conservation Programs Coordinator, via online or paper form.

Payment

Some energy efficiency upgrades must be permitted and shall be inspected and approved by the City's Building Inspection division, before rebates will be processed. After submitting an Application, customers can expect to receive a rebate in 4 to 10 weeks if approved. Incomplete or erroneous information can cause delays in payment.



Program Requirements

General Requirements

- Applicants must be the property owner
- All equipment must be new when purchased. No leased or lease to purchase equipment will be accepted
- No rebate will be paid on partial installation
- All installations must be for accounts served by Denton Municipal Electric
- All installations must meet the individual specifications detailed in this manual
- All installations must meet all applicable national, local, and manufacturers' codes and specifications
- An itemized and dated invoice from the contractor or retailer must be provided with the application
- All application submissions are subject to lawful verification of identification and entitlement to the Program credit by the City
- A pre and post inspection may be required
- Applications must be submitted to the Conservation Programs coordinator within 180 days of installation

Installers

The installer that installs the prescribed and approved energy efficient upgrades must be registered with the City at the time of installation through the GreenSense Program. To become a registered program installer, submit a GreenSense Installer Form to the Conservation Programs coordinator. Do-It-Yourself installs by property owners qualify for energy efficiency rebates.

The City does not endorse any product, service, individual, or company. Selection of a registered installer/contractor to perform work is the sole decision of the program participant. Any list of registered installers/contractors represents those companies who have registered themselves with the City. There is no work guarantee or warranty, expressed or implied, as to the quality, cost or effectiveness of the work performed by the contractor, employees or subcontractors.

NOTE: Individual rebates are limited to funds availability. The City may change the Program guidelines, payments, and/or discontinue without prior notice



Energy Incentives

<u>Equipment</u>	<u>Rebate/incentive</u>
HVAC (less than 3 ton)	\$1,500
HVAC (greater than 3 ton)	\$2,000
Heat Pump (less than 3 ton)	\$2,000
Heat Pump (greater than 3 ton)	\$2,500
HVAC Tune Up	50% up to \$100
Smart Thermostat	100% up to \$100
Weatherization Materials	50% up to \$100
Radiant Barrier	20% up to \$300
Attic Insulation	50% up to \$1500
Air Duct	30% up to \$400
Solar Screen	50% up to \$500
Windows	30% up to \$1500
E-Bike	50% up to \$1,000
Electric Vehicle	\$1,500
Solar Water Heater	30% up to \$300
Multifamily Upgrades	Combination of Above



Heating Ventilation Air Conditioning Systems (HVAC)

The City is offering a rebate up to \$2500 for the purchase and installation of high-efficiency central air conditioners with gas heat, electric heat pumps, and geothermal heat pumps for existing residential and small commercial facilities. No new construction applications will be accepted.

AC ONLY

1.0 to 2.5 Ton Unit.....	\$1,500
3.0 to 5.0 Ton Unit.....	\$2,000

HEAT PUMP

1.0 to 2.5 Ton Unit.....	\$2,000
3.0 to 5.0 Ton Unit.....	\$2,500

HVAC REQUIREMENTS

- Equipment must have a minimum 16 SEER (15.2 SEER2) rating
- Both condensing unit and evaporator coil must be replaced
- Installations must be permitted, inspected and approved by the City of Denton's Building Inspections Department
- All applications must meet the requirements on page 5 of this manual



HVAC Tune Up

The City is offering a rebate of 50% of the invoice not to exceed \$100 for an HVAC tune up.

HVAC Tune Up Requirements

- Itemized invoice must include cost and date of service
- Structures will only qualify for this rebate once per 12 month period
- All applications must meet the requirements on page 5 of this manual

Smart Thermostat

The City is offering a rebate of 100% of the invoice not to exceed \$100 for the installation of a smart thermostat. No new construction applications will be accepted.

Smart Thermostat Requirements

- Thermostat must offer internet connectivity for remote management
- All applications must meet the requirements on page 5 of this manual



Weatherization Supplies

The City is offering a rebate of 50% of invoice, not to exceed \$100 for supplies needed for DIY (do-it-yourself) weatherization projects. No new construction applications will be accepted.

Weatherization Supplies Requirements

- Materials used should be long-lasting and include, but are not limited to caulk, weather stripping, spray foam, attic door insulated cover, and outlet/switch sealers
- Materials used shall be documented on a receipt or invoice
- All applications must meet requirements on page 5 of this manual

Attic Radiant Barrier

The City is offering a rebate of 20% of the invoice, not to exceed \$300 for the installation of 80% or more reflective radiant barrier in accessible attic space on existing structures. No new construction applications will be accepted.

Radiant Barrier Requirements

- Installations must be on rafters or under decking
- Reflectivity and square footage must be included on invoice and application
- All applications must meet requirements on page 5 of this manual



Attic Insulation

The City is offering a rebate of 50% of invoice, not to exceed \$1,500 for the installation of attic insulation of at least R-49. No new construction applications will be accepted.

Attic Insulation Requirements

- Insulation must meet the minimum R-49 threshold
- Insulation must be installed between conditioned and unconditioned areas
- Garages and other non conditioned areas do not qualify
- The current insulation level of each home must be determined and documented
- Square footage of installation area must be included on invoice and application
- All applications must meet requirements on page 5 of this manual

Air Ducts

The City is offering a rebate of 30%, not to exceed \$400 for the replacement or repair of an air duct system located in unconditioned space. No new construction applications will be accepted.

Air Duct Requirements

- Materials used should be long-lasting materials (mastics, foil tape, aerosol-base sealants).
- The current air loss level of each system shall be determined and documented by the installer
- Materials used shall be documented on invoice (i.e. insulations, mastics, aerosol, etc.)
- Invoice must specify whether home has slab or crawlspace and the number of stories
- All applications must meet requirements on page 5 of this manual



Solar Screens

The City is offering a rebate of 50% of invoice, not to exceed \$500 per structure for the installation of solar screens on windows in conditioned spaces.

Solar Screen Requirements

- Solar Screens must block at least 90 percent of solar heat gain
- Structures will only qualify for this rebate once per 12 month period
- Reflectivity and square footage must be included on invoice and application
- All applications must meet the requirements on page 5 of this manual

Windows

The City is offering a rebate of 30% not to exceed \$1,500 dollars per structure for the installation of energy efficient windows in conditioned spaces.

Window Requirements

- Windows must have a U-Factor of 0.29 or less AND Solar Heat Gain Coefficient (SHGC) of 0.22 or less
- Structures will only qualify for this rebate once per 12-month period
- Window sticker and square footage must be included on invoice and application
- All applications must meet requirements on page 5 of this manual



E-Bike

The City is offering a rebate of 50% of invoice, not to exceed \$1,000 for the purchase of a new E-Bike.

E-Bike Requirements

- E-Bike must be a new purchase, invoice must include all relevant information regarding the E-bike
- All classes of E-Bike are eligible for a rebate as defined by the State of Texas
- E-bike must have two or three wheels and have fully operable pedals
- The electric motor must be 750 watts or less and cannot be gas powered
- Applicants agree to charge E-Bikes during off peak hours and submit a pledge to reduce vehicle miles traveled
- Limit one per account every 3 years

Electric Vehicle

The City is offering a rebate of \$1,500 for the purchase of a Plug-In Electric Vehicle

Electric Vehicle Requirements

- Plug in electric vehicles qualify, including plug-in hybrid-electric
- Additional information for electric vehicles will be required
 - Proof of Purchase
 - Proof of Registration
 - Registration address must be within the City's electric utility service territory and served by the City electric utility
- Applicants agree to charge their Electric Vehicle during off peak hours



Solar Hot Water Heater

The City is offering a rebate of 30% of the invoice not to exceed \$300 per structure for the installation of a solar hot water heater

Solar Water heat Requirements

- Solar water heater must be sized to accomodate a family of four, at minimum
- Solar water heater must preheat water for an electric water heater that is permanently installed at the structure
- Solar water heater must have permanently installed electric back up
- Structure will only qualify for this rebate once per 12-month period
- All applications must meet the requirements on page 5 of this manual

Multifamily Incentives

The city is offering rebates for the purchase and installation of energy efficient upgrades for any existing multifamily complex. No new construction application will be accepted. Rebate dollar amounts not to be exceeded apply per structure.

Requirements

- Applications must be completed and approved PRIOR to installation due to limited fund availability and typical project size
- Applications may be rejected if funding reserves are low
- All requirements for upgrades listed below are the same as the individual incentives detailed in pages 5-12 of this manual.

Please contact 940-349-7733 or
Rebates@cityofdenton.com prior to applying for a
Multifamily property rebate

Upgrade	Incentive	Cap (not to exceed)
Central HVAC	\$1,500 per 1.0 - 2.5 Ton Unit (AC ONLY) \$2,000 per 3.0 - 5.0 Ton Unit (AC ONLY) \$2,000 per 1.0 - 2.5 Ton Unit (Heat Pump) \$2,500 per 3.0 - 5.0 Ton Unit (Heat Pump)	\$12,000
Smart Thermostats	\$20 each	\$400
Attic Insulation	\$0.90 per square foot	\$3,600
Air Ducts	30% of total cost	\$600
Solar Screens	\$3 per square foot	\$1,600
Windows	\$4 per square foot	\$6,000



Additional Programs

The city is offering additional energy efficiency tools and resources as a part of the Greensense Program. These items include but are not limited to the following.

Summer Fan Giveaway

- Fans may be given to DME customers who pre-register or attend an in person event
- Fans assist in reducing both energy consumption and demand
- Fans do not cool the air inside a home but can allow the resident to feel more comfortable at a higher thermostat setting

Weatherization Kits (Renters)

- Unlike homeowners renters do not qualify for the large energy efficiency changes listed in the rest of this manual
- Weatherization kits may be provided to DME customers renting their spaces
- Weatherization kits could consist of a variety of simple but effective energy efficiency measures such as weather stripping, door sweeps, and LED light bulbs.



APPLICATION FORM

Please complete the form below in its entirety for all relevant equipment installed. The Greensense Program Manual outlines all minimum requirements to qualify. Please send completed application forms and all relevant supplemental material (invoices, window stickers, rating verification, etc.) to 1001 S. Mayhill Rd. Denton TX 76210 Attn: Conservation Programs Coordinator or via email to rebates@cityofdenton.com

For questions or application assistance please call 940-349-8205 or email rebates@cityofdenton.com

Name _____ Application Date _____
Address _____ City _____ ZIP _____
Phone _____ DME Account # _____ Email _____
Applicant (please check one) ☐ Resident Home Owner ☐ Tenant ☐ Landlord
If landlord please include mailing address _____

Construction Type ☐ Residential ☐ Commercial Is this a new building ☐ Yes ☐ No
Squarefootage of Building _____ Building Heat Type ☐ Gas ☐ Electric
Number of Floors _____ Slab or Crawlspace ☐ Slab ☐ Crawlspace

Installer Name _____ Installation Date _____
Installer Phone _____ Installer Email _____
City Permit Number (If Applicable) _____

Unit Type ☐ AC Only ☐ Heat Pump SEER/SEER2 ☐ SEER ☐ SEER2
☐ HVAC Starting Tonnage _____ Starting SEER(2) _____
Ending Tonnage _____ Ending SEER(2) _____
AC Serial Number _____
Evaporator Coil Serial Number _____ Cost _____

☐ Smart T-Stat Internet Connectivity? ☐ Yes ☐ No Cost _____

☐ Insulation Starting R-Value _____ Square footage installed _____
Ending R-Value _____ Cost _____

☐ **Windows** # of windows _____ U-Factor _____ Solar heat gain coefficient _____
Sqft of windows _____ Cost _____

☐ **Solar Screens** # of screens _____ % radiation block _____ Type/brand _____
Sqft of screens _____ Cost _____

☐ **Radiant Barrier** % radiation block _____ Type/brand _____
Sqft of screens _____ Cost _____

☐ **Air Duct** Repair or Replace ☐ Repair ☐ Replace Material Type _____
Cost _____

☐ **Weatherization Materials** Material Type (list all) _____
Cost _____

☐ **Solar Hot Water Heater** Tank Capacity _____ Tank location/orientation _____
Model _____ Cost _____

☐ **Electric Vehicle** Battery can be charged at ☐ Lvl 1 (120V) ☐ Lvl 2 (240V) ☐ DC Fast
Vehicle Make _____ Vehicle Model _____ Year _____
Vehicle Identification # _____ Cost _____

I agree to charge my electric vehicle during the off-peak hours of 10PM to 7AM ☐ I agree

☐ **E-Bike** Class ☐ Class 1 ☐ Class 2 ☐ Class 3 Gas power possible ☐ Yes ☐ No
Electric Motor wattage _____

I agree to charge my E-bike during the off-peak hours of 10PM to 7AM ☐ I agree

I agree to use my E-bike to reduce vehicle miles traveled ☐ I agree

Signature _____ Date _____

