



Denton Municipal Electric

ENERGY AUDIT PROGRAM

Presented by: Lisa Lemons, Community Relations Manager
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PROGRAM FOCUS

- + The Energy Audit Program identifies areas of energy inefficiency in homes and businesses and provides customers tools to become more energy efficient.
- + DME performs more than 200 energy audits a year.
- + The role of the Energy Auditor is to:
 - × Inspect, Test, and Measure to decide what energy-efficient retrofits are cost-effective for the building
 - × Identify the type, size, condition, and rate of energy consumption for major energy-using devices
 - × Recommend appropriate energy conservation, operation, and maintenance procedures
 - × Estimate labor and materials costs for energy retrofits
 - × Project savings expected from energy retrofits
 - × Note current and potential health and safety problems and how they may be affected by proposed changes
 - × Explain behavioral changes that will reduce energy waste
 - × Provide detailed report about the building's energy efficiency

PROGRAM COSTS

× Energy Auditor Position

- + Salary Range: \$46,000 to \$65,000 plus benefits
- + Training: RES/NET or Building Analyst Certification
- + Initial Certification Cost: \$3,000
- + Re-certification every two years = \$3,000
- + Equipment Costs: \$12,000

Total: Approximately \$100,000



Free Thermal Imaging Audits
From Denton Municipal Electric

EQUIPMENT

Thermal Imaging Camera

Blower Door Test with Digital Gauge

Duct Blaster Test with Digital Gauge

Pressure Pan

CO Detector

Combustible Gas Leak Detector

Colored Hose Kit for Pressure Diagnostics

Duct Mask Register Sealing Film

Smoke Stick

Flashlight

Ladder

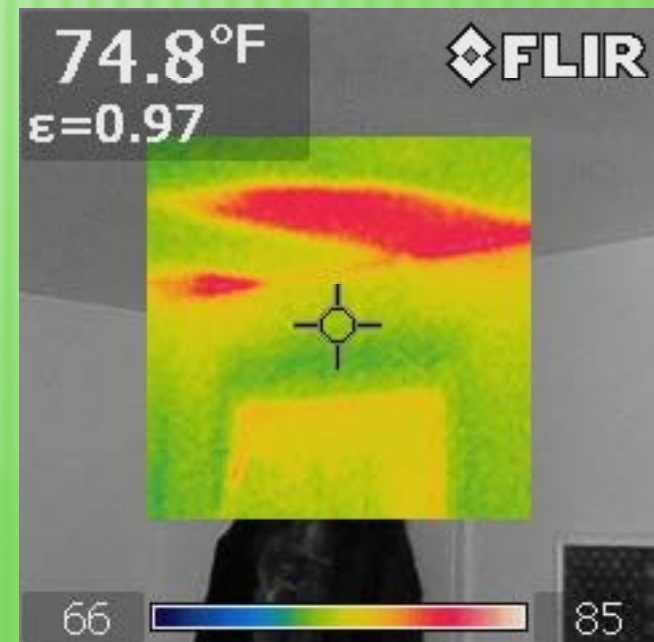
Retractable Measure Stick

Pocket Tool

Writeable Report Tablet

THERMAL IMAGING

- ✘ The thermal imaging camera identifies hidden areas of inefficiency in the home or business being audited.
- ✘ Examples of inefficiencies include:
 - + Lack of insulation
 - + Compressed insulation
 - + Air leakage due to cracks
 - + Unsealed windows/doors
 - + Duct leakage



BLOWER DOOR TEST

- ✘ Blower Doors are pressure-testing devices for the air barrier of a home that estimates air leakage. (whether it be too much or not enough)
- ✘ Examples of air leakage include:
 - + Electrical and plumbing outlets
 - + Windows
 - + Doors
 - + Concentrations of seams
 - + Building cavities
 - + Building materials themselves



DUCT BLASTER

- ✘ Duct blasters are actually small blower doors connected to the duct system. They measure the severity of duct leakage and help locate leaks.
- ✘ Examples of duct leaks include:
 - + Deterioration of ducts
 - + Duct connections not sealed properly
 - + Duct disturbance by rodents in attic



PROGRAM PROMOTION

- ✘ Heavy promotion of Program in winter and summer months
- ✘ Promotion includes:
 - + Commercial
 - + Bill Stuffer
 - + Giveaways
 - + Print Advertisements
 - + E-mail Blasts
 - + Word of Mouth



PROMOTIONAL MATERIALS

Free Thermal Imaging Audits
From Denton Municipal Electric



Learn more at: www.dmepower.com



Auditorías Rápidas de Verano GRATIS
Para residents en el código postal 76209



Las auditorías de DME utilizan a un auditor profesional de energía y equipo de lo más moderno para ayudarlo a valorar las necesidades de la eficiencia de su casa. Descubriendo filtraciones térmicas costosas en su casa, usted puede hacer reformas necesarias y mantenerse fresco

Get a Free Thermal Imaging Audit



THERMAL IMAGING AUDITS
From Denton Municipal Electric

Thermal imaging is the best way to find costly inefficiencies in your home. These images reveal the spaces where hot and cold air are escaping your house and increasing your heating and cooling bills. It's the perfect way to take control of your home's efficiency.

Learn more at:
www.dmepower.com

Audits are free for Denton
Municipal Electric Customers!



Usted recibirá:

- Calafateo para sellar alrededor de ventanas y puertas
- Cinta para sellar conductos
- Una luz fluorescente compacta
- Termómetros para probar su refrigerador, congelador, habitaciones, y calentador de agua
- Información sobre ahorro de energía valiosa

Las auditorías se realizan entre las 9 am y las 3 pm. Cada auditoría durara entre 30 minutos a una hora, un adulto debe estar presente para conducir la auditoría; Para suscribirse a una auditoría, por favor contacte a Elizabeth Hernández.

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PROGRAM PROMOTION

- × Commercial runs during winter and summer months