

ECAD Energy Audit Results

For Residence: 1511 RAINBOW BND AUSTIN, TX, 78703

Audit Date: 10/27/2025

Thank you for complying with the City of Austin's ECAD Ordinance, which requires homeowners to provide these energy audit results to buyers

SAVE THIS FORM! This ECAD audit is valid for 10 years after the audit date.

This audit helps you identify energy efficiency improvements that could lower your monthly energy costs and make your home more comfortable. Austin Energy's Home Energy Savings program offers rebates and low-interest loans that make these improvements more affordable. Before you begin making any home energy efficiency improvements, be sure to get the latest program details from <https://savings.austinenergy.com/residential/offers/home-improvements/home-energy-savings> or by calling 512-482-5346 or scanning the QR code to the right.



ENERGY AUDIT SUMMARY

| | Action Recommended? | Potential Annual Savings*: |
|---|---------------------|----------------------------|
| A. Windows and Shading | YES | \$100.00 |
| B. Attic Insulation | NO | \$0.00 |
| C. Air Infiltration and Duct Sealing | YES | \$120.00 |
| D. Heating and Cooling System Efficiency (HVAC) | NO | \$0.00 |
| Total Annual Savings*: | | \$220.00 |

HOME IMPROVEMENT RECOMMENDATIONS:

Austin Energy recommends the following actions based on the energy audit performed by

Kurt Kunkle of Austin Auditors

- A. Improving your windows and/or adding shading reduces the heat that the Texas sun adds to your house.
- B. No Attic insulation recommendations.
- C. Sealing or replacing the air conditioning duct-work can reduce your electric bill and make your home more comfortable. The duct system must be properly sized and in good condition or the heating and cooling system will run longer and cool less efficiently.
- D. No heating and cooling system recommendations.

We appreciate your support of the ECAD ordinance and your efforts to make Austin the most livable city in the country.

DISCLOSURES: Figures are based on an estimate from the average single-family house in Austin (1800 - 2000 sq. ft.) that has made improvements through an efficiency program by Austin Energy. Weather, equipment installation and electric usage will all effect actual savings. There is no guarantee or warranty, either expressed or implied, as to the actual effectiveness, cost or utility savings, if you choose to implement these recommendations. The Energy Conservation Audit and Disclosure is not required to be included in the sales contract nor the Seller's Disclosure form (Texas Real Estate Commission), but instead is a stand-alone requirement of the City of Austin.



SINGLE FAMILY

Energy Audit Data

*In support of the City of Austin's Energy
Conservation Audit and Disclosure Ordinance
Austin City Code Chapter 6-7, June 2009*

DATA SUMMARY

PROPERTY

Outdoor Temperature F: 85.0

Austin Energy Electric Meter Number: [7381632](#) Tax Assessor's Property ID: [112671](#)
Requestor Name: Year Built: [1935](#)
Service Address: [1511 RAINBOW BND AUSTIN, TX, 78703](#) Estimated Square Footage: [3812](#)

AUDITOR

Auditor: [Kurt Kunkle](#) Phone Number: [\(512\) 879-3567](#)
Company Name: [Austin Auditors](#) Property Audit Date: [10/27/2025](#)

WINDOWS & SHADING

Type(s) of Window(s): [Single Pane;Double Pane;Low-e](#)
Type(s) of Existing Solar Shading: [Vegetation;Adjacent Structure](#)

ATTIC INSULATION

Attic Insulation Type: [No Access](#) Average R-Value:
Open Chases(s): [No chases in residence.](#)

HEATING & COOLING AIR DUCT SYSTEM

| | | |
|------------|---|--|
| SYSTEM # 1 | Condenser Manufacturing Date 2024 | HVAC Duct Air Leakage 320.00 |
| | Estimated EER 11.5 | % Leakage 27 |
| | Furnace/AH Manufacturing Date 2006+ | Duct System Types(s) Mylar Flex |
| | AFUE [Electric Start] 80% | Enrolled in AE Power Partner Thermostat Program No |
| SYSTEM # 2 | Condenser Manufacturing Date 2022 | HVAC Duct Air Leakage 600.00 |
| | Estimated EER 11.5 | % Leakage 75 |
| | Furnace/AH Manufacturing Date 2006+ | Duct System Types(s) Duct Board |
| | AFUE None | Enrolled in AE Power Partner Thermostat Program No |

AIR INFILTRATION / WEATHERIZATION

Exterior doors: weather-striped? [No weather-stripping](#) Attic access: weather-striped? [No](#)
Plumbing penetrations: sealed? [Plumbing penetration sealing needed](#)

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): [Standard](#) Fuel Type: [Natural Gas](#)
Type(s) of Toilet(s): [3+ Low efficiency toilet\(s\)](#)

PROPERTY IDENTIFICATION

| | | | | | | | |
|-----------------------|------------------------------------|---------------------|--------|-----------------|----------------|-----------------------|----|
| County | Travis | Property ID | 112671 | Property Type | Single Family | Building Count | 1 |
| Meter Number | 7381632 | | | Gas Type | Austin I/S Res | | |
| Service Address | 1511 RAINBOW BND AUSTIN, TX, 78703 | | | | | | |
| | | | | | Occupied By | Vacant | |
| Year Built | 1935 | Foundation | Slab | Est. Sq Footage | 3812 | Avg. Duct Leakage (%) | 51 |
| Levels | 1 | Bedrooms | 3 | Baths | 2.5 | Fireplaces | 2+ |
| Average Attic R-Value | | Average Wall Height | | 9 | | | |

WINDOWS AND SHADING

| | | | | | | | | | |
|---------------------|-------------------------------|----------------------------|---|----|---|----|---|----|----------|
| Types of Windows | Single Pane;Double Pane;Low-e | | | | | | | | |
| Types of Shading | Vegetation;Adjacent Structure | | | | | | | | |
| Windows | S | SW | W | NW | N | NE | E | SE | Skylight |
| Needs Shade (sf ft) | | | | | | | | | |
| House Shape | L | Building Front Orientation | | | E | | | | |

APPLIANCES & WATER HEATER

| | | | | | | | |
|----------------------------------|--------------|----------------|----------------------|-----------------------------|--------------------------|--------|-------------|
| APPLIANCES (Remaining in Home) | '92 or older | | '93 or newer | | | | |
| Refrigerators | 0 | | 2 | Pool and / or Jacuzzi Pumps | 0 | | |
| Freezers | 0 | | 0 | Speed | None | | |
| Clothes Washer | 0 | | 1 | Pool Pump Timers | 0 | | |
| Clothes Dryers | Vented Gas | 0 | 1 | Water Heaters | 1 | | |
| Dish Washers | | 1 | | WH1 | Standard | Fuel 1 | Natural Gas |
| Range/Stove/Ovens | Gas | 1 | | WH2 | None | Fuel 2 | None |
| Inefficient Toilets (> 1.28 gal) | 3+ | | | Water Heater Timers | 0 | | |
| Efficient Toilets (<= 1.28 gal) | 0 | | | | | | |
| MISC Lighting | Combination | | Solar PV | No | Electric Vehicle Charger | No | |
| Sprinklers | Yes | Year Installed | | Rainwater Collector | No | | |
| Natural Gas Generator | No | | Water Saving Devices | Some Installed | | | |

ATTIC INSULATION & AIR INFILTRATION

| | | | | | | | |
|-----------------------------------|------------------------------|-------------------------|--|-------------------|---------------------------|---------------------|---|
| Roof Type | Pitched | Roof Materials | Shingle | Roof Color | Dark | Total Attic R Value | |
| Attic Insulation | | Insulation Type | No Access | | Secondary Insulation Type | None | |
| | | Square Feet | | Inches Deep | | R Value | 0 |
| Vaulted Ceiling Insulation | | Insulation Type | No Vaulted Ceiling | | Secondary Insulation Type | None | |
| | | Square Feet | | Inches Deep | | R Value | 0 |
| Cathedral Ceiling Insulation | | Insulation Type | No Cathedral Ceiling | | | | |
| | | Square Feet | | Inches Deep | | R Value | 0 |
| Attic/Knee Wall Insulation Status | | None | | | | | |
| No | Radiant Barrier | Radiant Barrier Type | | None | Chases | None | |
| | Plumbing Penetrations Sealed | No | Furnace & WH Closet Appropriately Sealed | | | No | |
| # Exterior Doors | 5+ | # Doors Weather-striped | | 2 | Whole House Fan | Not Coverable | |
| # Conditioned Stair Boxes/Hatches | 0 | # Insulated | 0 | # Weather-striped | 0 | | |

HEATING AND COOLING

| | | | | |
|----------|---------------------------------|-----------------------|-------------------------------|----------------------------|
| Unit # 1 | Zone Description | Main | Duct System | Mylar Flex |
| | Estimated Square Footage (Zone) | 3812 | Duct Locations | Attic |
| | Cooling Type | Central Air | Duct Condition | Poor |
| | Thermostat | WiFi | R-Value | R-2 |
| | Condenser Mfg Year | 2024 | Return Air Sq In | 370.0 |
| | Estimated EER | 11.5 | Return Plenum Properly Sealed | Yes |
| | Estimated Condenser BTUs | [3.0] 36,000 BTU | Grille Type | Stamped |
| | Tonnage from Mfg Spec | 3.0 | Target CFM | 1200 |
| | Tonnage from Est Sq Ft | 5 | Estimated CFM | 740.00 |
| | Sqft Per Ton | 1270.7 | Did Not Reach Pressure | False |
| | Heating Type | Central Heat | Pressure Test Leakage CFM | 320.00 |
| | Fuel Type | Gas | % Leakage | 27 |
| | Furnace/Air Handler Location | Inside House - Closet | Supply Air Reading | 63.0 |
| | Air Handler Type | Up Flow | Return Air Reading | 75.0 |
| Unit # 2 | Furnace Mfg Date | 2006+ | Delta T | 12.0 |
| | Estimated Furnace BTUs | [3.0] 60K - 65K | AFUE | [Electric Start] 80% |
| | Zone Description | Master | Duct System | Duct Board |
| | Estimated Square Footage (Zone) | 800 | Duct Locations | Conditioned Space;Furdowns |
| | Cooling Type | Central Heat Pump | Duct Condition | Poor |
| | Thermostat | WiFi | R-Value | R-2 |
| | Condenser Mfg Year | 2022 | Return Air Sq In | 290.0 |
| | Estimated EER | 11.5 | Return Plenum Properly Sealed | No |
| | Estimated Condenser BTUs | [2.0] 24,000 BTU | Grille Type | Stamped |
| | Tonnage from Mfg Spec | 2.0 | Target CFM | 800 |
| | Tonnage from Est Sq Ft | 2 | Estimated CFM | 580.00 |
| | Sqft Per Ton | 400.0 | Did Not Reach Pressure | True |
| | Heating Type | Central Heat Pump | Pressure Test Leakage CFM | 600.00 |
| | Fuel Type | Electric | % Leakage | 75 |

NOTES & INSTRUCTIONS