

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.austinenenergy.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

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

Energy Audit Data

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-stripped? No weather-stripping

Attic access: weather-stripped? 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-stripped		2	Whole House Fan	Not Coverable
	# Conditioned Stair Boxes/Hatches		0	# Insulated	0	# Weather-stripped	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
	Furnance Mfg Date	2006+	Delta T	12.0
	Estimated Furnance BTUs	[3.0] 60K - 65K	AFUE	[Electric Start] 80%
Unit # 2	Zone Description	Master	Duct System	Duct Board
	Estimated Square Footage (Zone)	800	Duct Locations	Conditioned Space;Furrdowns
	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
	Furnace/Air Handler Location	Inside House - Closet	Supply Air Reading	62.0
	Air Handler Type	Other	Return Air Reading	74.0
	Furnance Mfg Date	2006+	Delta T	12.0
	Estimated Furnance BTUs	[2.0] 50K	AFUE	None

NOTES & INSTRUCTIONS