

ECAD Energy Audit Results

For Residence: 1407 KAREN AVE AUSTIN, TX, 78757

Audit Date: 6/19/2026

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	NO	\$0.00
B. Attic Insulation	YES	\$100.00
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

● Chad Roesch of A-1 Energy Audits

- A. No windows or shading recommendations.
- B. Adding insulation to your attic can save you money. This will prevent your house from heating up rapidly during summer and cooling down quickly during winter.
- 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: 82.0

Austin Energy Electric Meter Number: 7308612

Tax Assessor's Property ID: 233777

Requestor Name: Jill Marguerite

Year Built: 19550

Service Address: 1407 KAREN AVE AUSTIN, TX, 78757

Estimated Square Footage: 1008

AUDITOR

Auditor: Chad Roesch

Phone Number: (512) 636-9728

Company Name: A-1 Energy Audits

Property Audit Date: 6/19/2026

WINDOWS & SHADING

Type(s) of Window(s): Double Pane;Low-e

Type(s) of Existing Solar Shading: Vegetation

ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe

Average R-Value: 4

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1 Condenser Manufacturing Date 2024

HVAC Duct Air Leakage 164.00

Estimated EER 11.5

% Leakage 16

Furnace/AH Manufacturing Date 2006+

Duct System Types(s) Mylar Flex; Sheet Metal

AFUE [Electric Start] 80%

Enrolled in AE Power Partner Thermostat Program No

AIR INFILTRATION / WEATHERIZATION

Exterior doors: weather-stripped? Yes

Attic access: weather-stripped? No

Plumbing penetrations: sealed? Plumbing penetration sealing needed

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): Standard
Type(s) of Toilet(s): 1 Low efficiency toilet(s)

Fuel Type: Natural Gas

PROPERTY IDENTIFICATION

County	Travis	Property ID	233777	Property Type	Single Family	Building Count	1
Meter Number	7308612			Gas Type	Austin I/S Res		
Service Address	1407 KAREN AVE AUSTIN, TX, 78757						
					Occupied By	Vacant	
Year Built	19550	Foundation	Pier & Beam	Est. Sq Footage	1008	Avg. Duct Leakage (%)	16
Levels	1	Bedrooms	2	Baths	1	Fireplaces	0
Average Attic R-Value	4	Average Wall Height	8				

WINDOWS AND SHADING

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

APPLIANCES & WATER HEATER

APPLIANCES (Remaining in Home)	'92 or older		'93 or newer			
Refrigerators	0		1	Pool and / or Jacuzzi Pumps	0	
Freezers	0		0	Speed	None	
Clothes Washer	0		1	Pool Pump Timers	0	
Clothes Dryers	Vented Electric	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)	1			Water Heater Timers	0	
Efficient Toilets (<= 1.28 gal)	0					
MISC Lighting	LEDs		Solar PV	No	Electric Vehicle Charger	No
Sprinklers	No	Year Installed		Rainwater Collector	No	
Natural Gas Generator	No	Water Saving Devices	All Sinks/showers			

ATTIC INSULATION & AIR INFILTRATION

Roof Type	Pitched	Roof Materials	Shingle	Roof Color	Dark	Total Attic R Value	4
Attic Insulation	Insulation Type		LF-Fiberglass & Insulsafe		Secondary Insulation Type		None
	Square Feet		1008	Inches Deep	2.0	R Value	4
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	2	# Doors Weather-stripped		2	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches	1	# Insulated	0	# Weather-stripped 0		

HEATING AND COOLING

Unit # 1	Zone Description	whole house	Duct System	Mylar Flex; Sheet Metal
	Estimated Square Footage (Zone)	1008	Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	Manual	R-Value	R-6
	Condenser Mfg Year	2024	Return Air Sq In	450.0
	Estimated EER	11.5	Return Plenum Properly Sealed	Yes
	Estimated Condenser BTUs	[2.5] 30,000 BTU	Grille Type	Stamped
	Tonnage from Mfg Spec	2.5	Target CFM	1000
	Tonnage from Est Sq Ft	2	Estimated CFM	900.00
	Sqft Per Ton	403.2	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	164.00
	Fuel Type	Gas	% Leakage	16
	Furnace/Air Handler Location	Inside House - Sealed Attic	Supply Air Reading	54.0
	Air Handler Type	Horizontal	Return Air Reading	68.0
	Furnance Mfg Date	2006+	Delta T	14.0
	Estimated Furnance BTUs	[3.0] 60K - 65K	AFUE	[Electric Start] 80%

NOTES & INSTRUCTIONS

Furnace was manufactured in 2024.
Half of attic has no insulation.