



## SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

# ECAD Energy Audit Results

For Residence: [2507 RAE DELL AVE AUSTIN TX 78704](#)

Audit Date: [9/19/2022](#)

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 Performance with ENERGY STAR® 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 [austinenrgy.com](http://austinenrgy.com) or by calling **512-482-5346**

### 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)	YES	\$270.00
	<b>Total Annual Savings*:</b>	<b>\$490.00</b>

### HOME IMPROVEMENT RECOMMENDATIONS:

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

• [Vance Acker](#) of [Green Leaf Energy LLC](#) •

- 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. Consider replacing your HVAC system with an energy efficient model. Show the audit results to an HVAC professional, who will ensure that your heating and cooling system is right-sized and operating efficiently.

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 or Texas Gas Service. 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.



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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: 84.0

Austin Energy Electric Meter Number: 6020654

Tax Assessor's Property ID: 303352

Requestor Name:

Year Built: 1964

Service Address: 2507 RAE DELL AVE AUSTIN, TX, 78704

Estimated Square Footage: 1120

#### AUDITOR

Auditor: Vance Acker

Phone Number: (512) 922-7522

Company Name: Green Leaf Energy LLC

Property Audit Date: 9/19/2022

#### WINDOWS & SHADING

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

Type(s) of Existing Solar Shading: Awnings;Vegetation

#### ATTIC INSULATION

Attic Insulation Type: Batts-Fiberglass

Average R-Value: 19

Open Chases(s): No chases in residence.

#### HEATING & COOLING AIR DUCT SYSTEM

##### SYSTEM # 1

Condenser Manufacturing Date 1998

HVAC Duct Air Leakage 250.00

Estimated EER 9.0

% Leakage 21

Furnace/AH Manufacturing Date 1990-2005

Duct System Type(s) Duct Board

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

Fuel Type: Natural Gas

Type(s) of Toilet(s): 2 High efficiency toilet(s)

## PROPERTY IDENTIFICATION

County	Travis	Property ID	303352	Property Type	Single Family	Building Count	1
Meter Number	6020654			Gas Type	Austin I/S Res		
Service Address	2507 RAE DELL AVE AUSTIN, TX, 78704						
					Occupied By	Vacant	
Year Built	1964	Foundation	Slab	Est. Sq Footage	1120	Avg. Duct Leakage (%)	21
Levels	1	Bedrooms	2	Baths	2	Fireplaces	1
Average Attic R-Value	19	Average Wall Height	8				

## WINDOWS AND SHADING

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

## 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)	0			Water Heater Timers	0		
Efficient Toilets (<= 1.28 gal)	2						
MISC Lighting	Combination		Solar PV	No	Electric Vehicle Charger	No	
Sprinklers	No	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	Medium	Total Attic R Value	19
Attic Insulation	Insulation Type		Batts-Fiberglass		Secondary Insulation Type	None	
	Square Feet		1120	Inches Deep	6.0	R Value	19
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	3	# Doors Weather-stripped		3	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches	1	# Insulated	0	# Weather-stripped	0	

## HEATING AND COOLING

<b>Unit # 1</b>	Zone Description	Whole house	Duct System	Duct Board
	Estimated Square Footage (Zone)	112	Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Fair
	Thermostat	Manual	R-Value	R-4
	Condenser Mfg Year	1998	Return Air Sq In	600.0
	Estimated EER	9.0	Return Plenum Properly Sealed	No
	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	2	Estimated CFM	1200.00
	Sqft Per Ton	37.3	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	250.00
	Fuel Type	Gas	% Leakage	21
	Furnace/Air Handler Location	Inside House - Closet	Supply Air Reading	
	Air Handler Type	Up Flow	Return Air Reading	
	Furnance Mfg Date	1990-2005	Delta T	0.0
	Estimated Furnance BTUs	[3.0] 60K - 65K	AFUE	[Electric Start] 80%

## NOTES & INSTRUCTIONS