



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 2419 WESTLAKE DR UNIT 10 AUSTIN, TX, 78746

Audit Date: 12/20/2023

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 or by calling 512-482-5346

ENERGY AUDIT SUMMARY

	Action Recommended?	Potential Annual Savings*:
A. Windows and Shading	NO	\$0.00
B. Attic Insulation	NO	\$0.00
C. Air Infiltration and Duct Sealing	YES	\$120.00
D. Heating and Cooling System Efficiency (HVAC)	YES	\$270.00
	Total Annual Savings*:	\$390.00

HOME IMPROVEMENT RECOMMENDATIONS:

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

Trace Thomas of Earth Audits, LLC

- A. No windows or shading recommendations.
- 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. 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: 62.0

Austin Energy Electric Meter Number: 7075327

Tax Assessor's Property ID: 119635

Requestor Name: BOB BRANDES

Year Built: 1979

Service Address: 2419 WESTLAKE DR UNIT 10 AUSTIN, TX, 78746

Estimated Square Footage: 2822

AUDITOR

Auditor: Trace Thomas

Phone Number: (512) 466-7679

Company Name: Earth Audits, LLC

Property Audit Date: 12/20/2023

WINDOWS & SHADING

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

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

ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe

Average R-Value: 35

Open Chases(s): No uninsulated or unsealed chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date 2003

HVAC Duct Air Leakage 102.00

Estimated EER 9.0

% Leakage 10

Furnace/AH Manufacturing Date 1990-2005

Duct System Types(s) Mylar Flex

AFUE None

Enrolled in AE Power Partner Thermostat Program No

SYSTEM # 2

Condenser Manufacturing Date 2012

HVAC Duct Air Leakage 101.00

Estimated EER 11.5

% Leakage 13

Furnace/AH Manufacturing Date 2006+

Duct System Types(s) Mylar Flex

AFUE None

Enrolled in AE Power Partner Thermostat Program No

AIR INFILTRATION / WEATHERIZATION

Exterior doors: weather-stripped? Yes

Attic access: weather-stripped? Yes

Plumbing penetrations: sealed? Plumbing penetration sealing needed

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): Standard

Fuel Type: Electric

Type(s) of Toilet(s): 3+ High efficiency toilet(s)

PROPERTY IDENTIFICATION

County	Travis	Property ID	119635	Property Type	Condo	Building Count	1
Meter Number	7075327			Gas Type	None		
Service Address	2419 WESTLAKE DR UNIT 10 AUSTIN, TX, 78746						
					Occupied By	Owner	
Year Built	1979	Foundation	Slab	Est. Sq Footage	2822	Avg. Duct Leakage (%)	12
Levels	2	Bedrooms	3	Baths	3.5	Fireplaces	1
Average Attic R-Value	35		Average Wall Height	9			

WINDOWS AND SHADING

Types of Windows	Double Pane;Low-e;Glass Block;Other									
Types of Shading	Awnings;Vegetation									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)	0	0	0	0	0	0	0	0		
House Shape	L				Building Front Orientation			SW		

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 Electric
Range/Stove/Ovens	Electric		1	WH2	None	Fuel 2 None
Inefficient Toilets (> 1.28 gal)	0			Water Heater Timers	0	
Efficient Toilets (<= 1.28 gal)	3+					
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	Combination	Roof Materials	Metal	Roof Color	Medium	Total Attic R Value	35
Attic Insulation	Insulation Type		LF-Fiberglass & Insulsafe		Secondary Insulation Type	None	
	Square Feet		1474	Inches Deep	16.0	R Value	35
Vaulted Ceiling Insulation	Insulation Type		No Vaulted Ceiling		Secondary Insulation Type	None	
	Square Feet		0	Inches Deep	0.0	R Value	0
Cathedral Ceiling Insulation	Insulation Type		No Cathedral Ceiling				
	Square Feet		0	Inches Deep	0.0	R Value	0
Attic/Knee Wall Insulation Status	None						
No	Radiant Barrier	Radiant Barrier Type		None	Chases	Insulated/Sealed	
	Plumbing Penetrations Sealed		No	Furnace & WH Closet Appropriately Sealed			Yes
	# Exterior Doors	5+	# Doors Weather-stripped		5+	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches	1	# Insulated	1	# Weather-stripped	1	

HEATING AND COOLING

Unit # 1	Zone Description	1st Floor	Duct System	Mylar Flex
	Estimated Square Footage (Zone)	1348	Duct Locations	Attic;Furrdowns
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	Manual	R-Value	R-8
	Condenser Mfg Year	2003	Return Air Sq In	600.0
	Estimated EER	9.0	Return Plenum Properly Sealed	Yes
	Estimated Condenser BTUs		Grille Type	Stamped
	Tonnage from Mfg Spec	2.5	Target CFM	1000
	Tonnage from Est Sq Ft	3	Estimated CFM	1200.00
	Sqft Per Ton	539.2	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	102.00
	Fuel Type	Electric	% Leakage	10
	Furnace/Air Handler Location	Outside House - Attic	Supply Air Reading	54.0
	Air Handler Type	Horizontal	Return Air Reading	68.0
	Furnance Mfg Date	1990-2005	Delta T	14.0
Estimated Furnance BTUs	Other	AFUE	None	
Unit # 2	Zone Description	2nd Floor	Duct System	Mylar Flex
	Estimated Square Footage (Zone)	1474	Duct Locations	Attic
	Cooling Type	Central Heat Pump	Duct Condition	Good
	Thermostat	Other Programmable	R-Value	R-8
	Condenser Mfg Year	2012	Return Air Sq In	432.0
	Estimated EER	11.5	Return Plenum Properly Sealed	No
	Estimated Condenser BTUs		Grille Type	Stamped
	Tonnage from Mfg Spec	2.0	Target CFM	800
	Tonnage from Est Sq Ft	3	Estimated CFM	864.00
	Sqft Per Ton	737.0	Did Not Reach Pressure	False
	Heating Type	Central Heat Pump	Pressure Test Leakage CFM	101.00
	Fuel Type	Electric	% Leakage	13
	Furnace/Air Handler Location	Outside House - Attic	Supply Air Reading	54.0
	Air Handler Type	Horizontal	Return Air Reading	70.0
	Furnance Mfg Date	2006+	Delta T	16.0
Estimated Furnance BTUs	[2.0] 50K	AFUE	None	

NOTES & INSTRUCTIONS