



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: [2825 SHOAL CREST AVE AUSTIN TX 78705](#)

Audit Date: [5/3/2022](#)

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 or by calling **512-482-5346**

ENERGY AUDIT SUMMARY

	Action Recommended?	Potential Annual Savings*:
A. Windows and Shading	YES	\$100.00
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*:	\$320.00

HOME IMPROVEMENT RECOMMENDATIONS:

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

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

- A. Improving your windows and/or adding shading reduces the heat that the Texas sun adds to your house.
- 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 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: 79.0

Austin Energy Electric Meter Number: 3107266 Tax Assessor's Property ID: 210031
Requestor Name: Year Built: 1932
Service Address: 2825 SHOAL CREST AVE AUSTIN, TX, 78705 Estimated Square Footage: 1654

AUDITOR

Auditor: Vance Acker Phone Number: (512) 922-7522
Company Name: Green Leaf Energy LLC Property Audit Date: 5/3/2022

WINDOWS & SHADING

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

ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe Average R-Value: 22
Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1 Condenser Manufacturing Date 2011 HVAC Duct Air Leakage 250.00
Estimated EER 11.5 % Leakage 16
Furnace/AH Manufacturing Date 2006+ Duct System Type(s) Mylar Flex
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 penetrations are sealed

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): Standard Fuel Type: Natural Gas
Type(s) of Toilet(s): 2 Low efficiency toilet(s)

PROPERTY IDENTIFICATION

County	Travis	Property ID	210031	Property Type	Single Family	Building Count	1
Meter Number	3107266			Gas Type	Austin I/S Res		
Service Address	2825 SHOAL CREST AVE AUSTIN, TX, 78705						
					Occupied By	Vacant	
Year Built	1932	Foundation	Pier & Beam	Est. Sq Footage	1654	Avg. Duct Leakage (%)	16
Levels	1	Bedrooms	2	Baths	2	Fireplaces	1
Average Attic R-Value	22	Average Wall Height	9				

WINDOWS AND SHADING

Types of Windows	Single Pane									
Types of Shading	Awnings;Vegetation									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)										
House Shape	Zigzag				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)	2			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	None		

ATTIC INSULATION & AIR INFILTRATION

Roof Type	Pitched	Roof Materials	Shingle	Roof Color	Medium	Total Attic R Value	22
Attic Insulation	Insulation Type		LF-Fiberglass & Insulsafe		Secondary Insulation Type	None	
	Square Feet		1654	Inches Deep	10.0	R Value	22
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						
Yes	Radiant Barrier	Radiant Barrier Type		Foil-Backed Deck	Chases	None	
	Plumbing Penetrations Sealed		Yes	Furnace & WH Closet Appropriately Sealed			Yes
	# Exterior Doors	4	# Doors Weather-stripped	4	Whole House Fan	None	
	# Conditioned Stair Boxes/Hatches	1	# Insulated	1	# Weather-stripped	0	

HEATING AND COOLING

Unit # 1	Zone Description	Whole house	Duct System	Mylar Flex
	Estimated Square Footage (Zone)	1654	Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	Other Programmable	R-Value	R-6
	Condenser Mfg Year	2011	Return Air Sq In	700.0
	Estimated EER	11.5	Return Plenum Properly Sealed	Yes
	Estimated Condenser BTUs	[4.0] 48,000 BTU	Grille Type	Stamped
	Tonnage from Mfg Spec	4.0	Target CFM	1600
	Tonnage from Est Sq Ft	3	Estimated CFM	1400.00
	Sqft Per Ton	413.5	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	250.00
	Fuel Type	Gas	% Leakage	16
	Furnace/Air Handler Location	Outside House - Attic	Supply Air Reading	
	Air Handler Type	Horizontal	Return Air Reading	
	Furnance Mfg Date	2006+	Delta T	0.0
	Estimated Furnance BTUs	[4.0] 70K	AFUE	[Electric Start] 80%

NOTES & INSTRUCTIONS