



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 901 Wayside Dr B Austin, TX, 78703-4344

Audit Date: 3/5/2019

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	YES	\$100.00
C. Air Infiltration and Duct Sealing	YES	\$120.00
D. Heating and Cooling System Efficiency (HVAC)	YES	\$270.00
	Total Annual Savings*:	\$490.00

HOME IMPROVEMENT RECOMMENDATIONS:

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

• Vance Acker of Green Leaf Energy LLC •

- A. 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: 35.0

Austin Energy Electric Meter Number: 3117483

Tax Assessor's Property ID: 110404

Requestor Name:

Year Built: 1961

Service Address: 901 Wayside Dr B Austin, TX, 78703-4344

Estimated Square Footage: 1694

AUDITOR

Auditor: Vance Acker

Phone Number: (512) 922-7522

Company Name: Green Leaf Energy LLC

Property Audit Date: 3/5/2019

WINDOWS & SHADING

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

Type(s) of Existing Solar Shading: Vegetation;Adjacent Structure

ATTIC INSULATION

Attic Insulation Type: LF-Cellulose

Average R-Value: 7

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date 2002

HVAC Duct Air Leakage 180.00

Estimated EER 9.0

% Leakage 23

Furnace/AH Manufacturing Date 1990-2005

Duct System Type(s) 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

Fuel Type: Natural Gas

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

PROPERTY IDENTIFICATION

County	Travis	Property ID	110404	Property Type	Duplex	Building Count	1
Meter Number	3117483			Gas Type	Austin I/S Res		
Service Address	901 Wayside Dr B Austin, TX, 78703-4344						
					Occupied By	Vacant	
Year Built	1961	Foundation	Slab	Est. Sq Footage	1694	Avg. Duct Leakage (%)	23
Levels	3+	Bedrooms	3	Baths	3.5	Fireplaces	0
Average Attic R-Value	7	Average Wall Height	10				

WINDOWS AND SHADING

Types of Windows	Double Pane;Low-e;Skylights									
Types of Shading	Vegetation;Adjacent Structure									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)										
House Shape	Box				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		2	Pool Pump Timers	0	
Clothes Dryers	Vented Electric	0	2	Water Heaters	1	
Dish Washers			1	WH1	Standard	Fuel 1 Natural Gas
Range/Stove/Ovens	Gas		1	WH2	Standard	Fuel 2 Electric
Inefficient Toilets (> 1.6 gal)	3+			Water Heater Timers	0	
Efficient Toilets (<= 1.6 gal)	0					
MISC Lighting	Combination		Solar PV	No	Electric Vehicle Charger	No
Sprinklers	No	Year Installed		Rainwater Collector	No	
Natural Gas Generator	No	Water Saving Devices	None			

ATTIC INSULATION & AIR INFILTRATION

Roof Type	Flat	Roof Materials	Shingle	Roof Color	Medium	Total Attic R Value	7
Attic Insulation	Insulation Type		LF-Cellulose	Secondary Insulation Type		None	
	Square Feet			Inches Deep	2.0	R Value	7
Vaulted Ceiling Insulation	Insulation Type		LF-Cellulose	Secondary Insulation Type		None	
	Square Feet		200	Inches Deep	2.0	R Value	7
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		No	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	Sheet Metal
	Estimated Square Footage (Zone)		Duct Locations	Attic;Conditioned Space
	Cooling Type	Central Air	Duct Condition	Fair
	Thermostat	Manual	R-Value	R-4
	Condenser Mfg Year	2002	Return Air Sq In	340.0
	Estimated EER	9.0	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	1.5	Estimated CFM	680.00
	Sqft Per Ton	0.0	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	180.00
	Fuel Type	Gas	% Leakage	23
	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	[2.0] 50K	AFUE	[Electric Start] 80%

NOTES & INSTRUCTIONS