



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 11016 Colonel Winn Loop Austin, TX, 78748-2527

Audit Date: 3/22/2019

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 austinenenergy.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

● Vance Acker of Green Leaf Energy 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: 51.0

Austin Energy Electric Meter Number: 6059672

Tax Assessor's Property ID: 486815

Requestor Name:

Year Built: 2001

Service Address: 11016 Colonel Winn Loop Austin, TX, 78748-2527

Estimated Square Footage: 2155

AUDITOR

Auditor: Vance Acker

Phone Number: (512) 922-7522

Company Name: Green Leaf Energy LLC

Property Audit Date: 3/22/2019

WINDOWS & SHADING

Type(s) of Window(s): Double Pane

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

ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe

Average R-Value:

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date 2001

HVAC Duct Air Leakage 325.00

Estimated EER 9.0

% Leakage 16

Furnace/AH Manufacturing Date 1990-2005

Duct System Types(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	486815	Property Type		Single Family	Building Count	1
Meter Number		6059672				Gas Type	Austin I/S Res	
Service Address		11016 Colonel Winn Loop Austin, TX, 78748-2527						
						Occupied By	Owner	
Year Built	2001	Foundation	Slab	Est. Sq Footage	2155	Avg. Duct Leakage (%)		16
Levels	1	Bedrooms	4	Baths	2	Fireplaces		1
Average Attic R-Value			Average Wall Height		10			

WINDOWS AND SHADING

Types of Windows	Double Pane									
Types of Shading	Solar Screens;Vegetation;Adjacent Structure									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)										
House Shape	Zigzag				Building Front Orientation			E		

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		0	Pool Pump Timers		0		
Clothes Dryers	None		0		0	Water Heaters	1			
Dish Washers				1		WH1	Standard	Fuel 1	Natural Gas	
Range/Stove/Ovens	Gas				1		WH2	None	Fuel 2	None
Inefficient Toilets (> 1.6 gal)			2			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	Pitched	Roof Materials	Shingle	Roof Color	Medium	Total Attic R Value		
Attic Insulation		Insulation Type	LF-Fiberglass & Insulsafe		Secondary Insulation Type		None	
		Square Feet		Inches Deep	14.0	R Value	30.8	
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		Yes	Furnace & WH Closet Appropriately Sealed				No
	# Exterior Doors	2	# Doors Weather-stripped		2	Whole House Fan		None
	# Conditioned Stair Boxes/Hatches		0	# Insulated	0	# Weather-stripped		0

HEATING AND COOLING

Unit # 1	Zone Description	whole house	Duct System	Mylar Flex
	Estimated Square Footage (Zone)		Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	WiFi	R-Value	R-6
	Condenser Mfg Year	2001	Return Air Sq In	544.0
	Estimated EER	9.0	Return Plenum Properly Sealed	Yes
	Estimated Condenser BTUs	[5.0] 60,000 BTU	Grille Type	Stamped
	Tonnage from Mfg Spec	5.0	Target CFM	2000
	Tonnage from Est Sq Ft	1.5	Estimated CFM	1088.00
	Sqft Per Ton	0.0	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	325.00
	Fuel Type	Gas	% Leakage	16
	Furnace/Air Handler Location	Inside House - Sealed Attic	Supply Air Reading	
	Air Handler Type	Horizontal	Return Air Reading	
	Furnance Mfg Date	1990-2005	Delta T	0.0
	Estimated Furnance BTUs	[5.0] 80K	AFUE	[Electric Start] 80%

NOTES & INSTRUCTIONS