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SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 5016 CHINA GARDEN DR AUSTIN TX 78730 **Audit Date:** 8/22/2022

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 **austinenergy.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	NO	$0.00
D. Heating and Cooling System Efficiency (HVAC)	NO	$0.00
	Total Annual Savings*:	$0.00

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. No air infiltration or duct sealing recommendations.

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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Energy Audit Data

In support of the City of Austin's Energy Conservation Audit and Disclosure Ordinance Austin City Code Chapter 6-7, June 2009

DATA SUMMARY

PROPERTY

Outdoor Temperature F: 82.0

Austin Energy Electric Meter Number: 7147377

Tax Assessor's Property ID: 423414

Requestor Name:

Year Built: 1998

Service Address: 5016 CHINA GARDEN DR AUSTIN, TX, 78730

Estimated Square Footage: 1961

AUDITOR

Auditor: Vance Acker

Phone Number: (512) 922-7522

Company Name: Green Leaf Energy LLC

Property Audit Date: 8/22/2022

WINDOWS & SHADING

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

Type(s) of Existing Solar Shading: Vegetation

ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe

Average R-Value: 26

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date 2017

HVAC Duct Air Leakage 175.00

Estimated EER 11.5

% Leakage 11

Furnace/AH Manufacturing Date 2006+

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)

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PROPERTY IDENTIFICATION

County	Travis	Property ID	423414	Property Type	Single Family	Building Count	1
Meter Number		7147377			Gas Type	Austin I/S Res	
Service Address		5016 CHINA GARDEN DR AUSTIN, TX, 78730					
					Occupied By	Owner	
Year Built	1998	Foundation	Slab	Est. Sq Footage	1961	Avg. Duct Leakage (%)	11
Levels	1	Bedrooms	3	Baths	2	Fireplaces	1
Average Attic R-Value		26	Average Wall Height		9		

WINDOWS AND SHADING

Types of Windows	Double Pane;Low-e;Glass Block								
Types of Shading	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)		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	26
Attic Insulation		Insulation Type	LF-Fiberglass & Insulsafe		Secondary Insulation Type	None	
		Square Feet	1961	Inches Deep	12.0	R Value	26
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			Insulated				
No	Radiant Barrier	Radiant Barrier Type		None	Chases	None	
	Plumbing Penetrations Sealed		Yes	Furnace & WH Closet Appropriately Sealed			Yes
	# Exterior Doors	2	# Doors Weather-stripped		2	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches		0	# Insulated	0	# Weather-stripped	0

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HEATING AND COOLING

Unit # 1				
	Zone Description	Whole house	Duct System	Mylar Flex
	Estimated Square Footage (Zone)	1961	Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	WiFi	R-Value	R-6
	Condenser Mfg Year	2017	Return Air Sq In	350.0
	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	4	Estimated CFM	700.00
	Sqft Per Ton	490.3	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	175.00
	Fuel Type	Gas	% Leakage	11
	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

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