



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 906 ROCKY SPRING RD AUSTIN, TX, 78753

Audit Date: 10/17/2019

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)	NO	\$0.00
	Total Annual Savings*:	\$220.00

HOME IMPROVEMENT RECOMMENDATIONS:

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

Quincy Bishop of Austin's ECAD Specialist

- 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. 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: 59.0

Austin Energy Electric Meter Number: 3014662

Tax Assessor's Property ID: 257660

Requestor Name: CLAUDINE GAUCHAT

Year Built: 1962

Service Address: 906 ROCKY SPRING RD AUSTIN, TX, 78753

Estimated Square Footage: 1644

AUDITOR

Auditor: Quincy Bishop

Phone Number: (512) 584-4604

Company Name: Austin's ECAD Specialist

Property Audit Date: 10/17/2019

WINDOWS & SHADING

Type(s) of Window(s): Single Pane;Double Pane;Skylights

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

ATTIC INSULATION

Attic Insulation Type: LF-Rockwool

Average R-Value: 18

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date 2005

HVAC Duct Air Leakage 660.00

Estimated EER 11.5

% Leakage 41

Furnace/AH Manufacturing Date 2006+

Duct System Types(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): 2 High efficiency toilet(s)

PROPERTY IDENTIFICATION

County	Travis	Property ID	257660	Property Type	Single Family	Building Count	1
Meter Number	3014662			Gas Type	Austin I/S Res		
Service Address	906 ROCKY SPRING RD AUSTIN, TX, 78753						
					Occupied By	Vacant	
Year Built	1962	Foundation	Slab	Est. Sq Footage	1644	Avg. Duct Leakage (%)	41
Levels	1	Bedrooms	3	Baths	2	Fireplaces	1
Average Attic R-Value	18	Average Wall Height	8				

WINDOWS AND SHADING

Types of Windows	Single Pane;Double Pane;Skylights									
Types of Shading	Awnings;Vegetation									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)								10		
House Shape	Other				Building Front Orientation			SW		

APPLIANCES & WATER HEATER

APPLIANCES (Remaining in Home)	'92 or older		'93 or newer				
Refrigerators	0		0	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)	0			Water Heater Timers	0		
Efficient Toilets (<= 1.28 gal)	2						
MISC Lighting	Combination		Solar PV	No	Electric Vehicle Charger	No	
Sprinklers	Yes	Year Installed		Rainwater Collector	No		
Natural Gas Generator	No	Water Saving Devices	All Sinks/showers				

ATTIC INSULATION & AIR INFILTRATION

Roof Type	Pitched	Roof Materials	Shingle	Roof Color	Dark	Total Attic R Value	18
Attic Insulation	Insulation Type	LF-Rockwool		Secondary Insulation Type	None		
	Square Feet	840	Inches Deep	5.5	R Value	15.95	
Vaulted Ceiling Insulation	Insulation Type	LF-Rockwool		Secondary Insulation Type	None		
	Square Feet	384	Inches Deep	8.0	R Value	23.2	
Cathedral Ceiling Insulation	Insulation Type	No Access					
	Square Feet	420	Inches Deep		R Value	0	
Attic/Knee Wall Insulation Status	Partially Insulated						
No	Radiant Barrier	Radiant Barrier Type		None	Chases	None	
	Plumbing Penetrations Sealed	No		Furnace & WH Closet Appropriately Sealed	No		
	# Exterior Doors	4	# Doors Weather-stripped	4	Whole House Fan	None	
	# Conditioned Stair Boxes/Hatches		# Insulated	0	# Weather-stripped	0	

HEATING AND COOLING

Unit # 1	Zone Description	Main	Duct System	Sheet Metal
	Estimated Square Footage (Zone)	1644	Duct Locations	Attic
	Cooling Type	Central Air	Duct Condition	Good
	Thermostat	Manual	R-Value	R-4
	Condenser Mfg Year	2005	Return Air Sq In	648.0
	Estimated EER	11.5	Return Plenum Properly Sealed	
	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	1296.00
	Sqft Per Ton	411.0	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	660.00
	Fuel Type	Gas	% Leakage	41
	Furnace/Air Handler Location	Inside House - Closet	Supply Air Reading	
	Air Handler Type	Up Flow	Return Air Reading	
	Furnance Mfg Date	2006+	Delta T	0.0
	Estimated Furnance BTUs	[5.0] 80K	AFUE	[Electric Start] 80%

NOTES & INSTRUCTIONS

- If your insulation R-Value is below R-22 on attic floors or vaulted ceiling then you will or have received attic insulation recommendation on the ECAD report.
- If the duct leakage test shows more than 15% leakage or "Does not Reach Pressure" a recommendation is required. The average duct system has a total duct leakage of around 25%.
- HVAC equipment recommendation is based on the age and efficiency of the unit not whether it works or not. Any unit older than 10 years is required to receive a recommendation.
- A plumbing penetration recommendation is referring to connections between the sink and toilet that penetrate the drywall. These spots need to be caulked or spray foamed to prevent air leakage.
- When the furnace or water heater closet is in a conditioned area of the house, its door needs to be weather-stripped properly and have an air barrier between the attic space and closet.
- Unable to get a delta T reading for the condenser due to the temperature being below 65 degrees. It is not advised to