



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 7607 CREEKBLUFF DR AUSTIN, TX, 78750

Audit Date: 3/26/2018

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	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

Chad Roesch of A1 Energy Audits

- 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 70.0

Austin Energy Electric Meter Number: 3029515

Tax Assessor's Property ID: 497232

Requestor Name: Mcguire Ginger

Year Built: 1980

Service Address: 7607 CREEKBLUFF DR AUSTIN, TX, 78750

Estimated Square Footage: 3044

AUDITOR

Auditor: Chad Roesch

Phone Number:

Company Name: A1 Energy Audits

Property Audit Date: 3/26/2018

WINDOWS & SHADING

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

Type(s) of Existing Solar Shading: Vegetation

ATTIC INSULATION

Attic Insulation Type: Batts-Rockwool

Average R-Value: 22

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

HVAC SYSTEM:

Condenser:

Manufacturing Date: 2003

Estimated EER: 9.0

Furnace/AH:

Manufacturing Date: 1990-2005

Estimated AFUE: 80

HVAC Duct Air Leakage: 154.00CFM

Leakage: 19 %

Duct System Type(s): Grey Flex

Enrolled in the Austin Energy Power Partner Thermostat Program: No

ADDITIONAL SYSTEM:

Condenser:

Manufacturing Date: 2006

Estimated EER: 11.5

Furnace/AH:

Manufacturing Date: 2006+

Estimated AFUE: 80

HVAC Duct Air Leakage: 206.00CFM

Leakage: 17 %

Duct System Type(s): Grey Flex;Mylar Flex

Enrolled in the Austin Energy Power Partner Thermostat Program: No

AIR INFILTRATION / WEATHERIZATION

Exterior doors: weather-stripped? No weather-stripping

Attic access: weather-stripped? No

Plumbing penetrations: sealed? Plumbing penetration sealing needed

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): Standard

Fuel Type: Electric

Type(s) of Toilet(s): 2 Low efficiency toilet(s), 1 High efficiency toilet(s)

PROPERTY IDENTIFICATION

County	Travis	Property ID	497232	Property Type	Single Family	Building Count	1
Meter Number	3029515			Gas Type	None		
Service Address	7607 CREEKBLUFF DR AUSTIN, TX, 78750						
					Occupied By	Vacant	
Year Built	1980	Foundation	Slab	Est. Sq Footage	3044	Avg. Duct Leakage (%)	18
Levels	2	Bedrooms	3	Baths	2.5	Fireplaces	1
Average Attic R-Value	22	Average Wall Height	12				

WINDOWS AND SHADING

Types of Windows	Double Pane;Low-e;Skylights								
Types of Shading	Vegetation								
Windows	S	SW	W	NW	N	NE	E	SE	Skylight
Needs Shade (sf ft)									
House Shape	Box			Building Front Orientation			NW		

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	0	Pool Pump Timers	0			
Clothes Dryers	Vented Electric	0	0	Water Heaters	1		
Dish Washers		1	WH1	Standard	Fuel 1	Electric	
Range/Stove/Ovens	Electric	1	WH2	None	Fuel 2	None	
Inefficient Toilets (> 1.6 gal)	2	Water Heater Timers		0			
Efficient Toilets (<= 1.6 gal)	1						
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	Metal	Roof Color	Light	Total Attic R Value	22
Attic Insulation	Insulation Type	Batts-Rockwool		Secondary Insulation Type	Batts-Fiberglass		
	Square Feet	2120	Inches Deep	8.0	R Value	22.4	
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	Uninsulated						
No	Radiant Barrier	Radiant Barrier Type		None	Chases	None	
	Plumbing Penetrations Sealed	No		Furnace & WH Closet Appropriately Sealed	Yes		
	# Exterior Doors	2	# Doors Weather-stripped	1	Whole House Fan	None	
	# Conditioned Stair Boxes/Hatches	4	# Insulated	0	# Weather-stripped	0	

HEATING & COOLING (1) Zone Description: downstairs master area Est. Sq. Ft. (Zone): 800

COOLING Type	Central Heat Pump			Thermostat	Other Programmable		
Condenser Mfg Date	2003	Est. EER	9.0	Est. Condenser BTUs	[2.0] 24,000 BTU		
Tonnage From Mfg Spec	2.0	OR	Est. from Sq. Ft	1.5	Sq. Ft. per Ton	400.0	
HEATING Type	Central Heat Pump	Fuel Type	Electric	Furnace/Air Handler Location	Inside House - Sealed Attic		
				Air Handler Type	Horizontal		
Furnace Mfg Date	1990-2005	Est. BTUs				AFUE	[Electric Start] 80%
DUCT SYSTEM	Grey Flex						
Duct Locations	Attic						
Duct Condition	Good		R Value	R-6			
	Return Air Sq. In.	250.0		Return Plenum Seal	Yes		
	Grille Type	Stamped					
	Target CFM	800		Current Est. CFM	500.00		
		Did Not Reach Pressure	N/A				
		Measured Pressure Test Leakage CFM	154.00	% Leakage	19		
	Supply Air Reading F	57.0	Return Air Reading F	62.0	Delta T	5.0	

HEATING & COOLING (2) Zone Description: downstairs living/kitchen Est. Sq. Ft. (Zone): 1320

COOLING Type	Central Heat Pump			Thermostat	Other Programmable		
Condenser Mfg Date	2006	Est. EER	11.5	Est. Condenser BTUs	[3.0] 36,000 BTU		
Tonnage From Mfg Spec	3.0	OR	Est. from Sq. Ft	2.5	Sq. Ft. per Ton	440.0	
HEATING Type	Central Heat Pump	Fuel Type	Electric	Furnace/Air Handler Location	Inside House - Sealed Attic		
				Air Handler Type	Horizontal		
Furnace Mfg Date	2006+	Est. BTUs	[3.0] 60K - 65K			AFUE	[Electric Start] 80%
DUCT SYSTEM	Grey Flex;Mylar Flex						
Duct Locations	Attic						
Duct Condition	Good		R Value	R-6			
	Return Air Sq. In.	800.0		Return Plenum Seal	Yes		
	Grille Type	Stamped					
	Target CFM	1200		Current Est. CFM	1600.00		
		Did Not Reach Pressure	N/A				
		Measured Pressure Test Leakage CFM	206.00	% Leakage	17		
	Supply Air Reading F	48.0	Return Air Reading F	60.0	Delta T	12.0	

NOTES & INSTRUCTIONS

Attic is insulated in most areas with Rockwool batts and fiberglass batts but there are areas where it is only Rockwool batts lowering the effective R-value.
 Master area heat pump was manufactured in 2004.
 Main living area heat pump was manufactured in 2006.
 Upstairs heat pump was manufactured in 2006.