



## SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

# ECAD Energy Audit Results

For Residence: 1901 MELISSA OAKS LN AUSTIN, TX, 78744

Audit Date: 5/26/2023

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](http://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	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

• Kurt Kunkle of Austin Auditors •

- 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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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: 88.0

Austin Energy Electric Meter Number: 7068850

Tax Assessor's Property ID: 588246

Requestor Name:

Year Built: 2005

Service Address: 1901 MELISSA OAKS LN AUSTIN, TX, 78744

Estimated Square Footage: 2683

#### AUDITOR

Auditor: Kurt Kunkle

Phone Number: (512) 879-3567

Company Name: Austin Auditors

Property Audit Date: 5/26/2023

#### WINDOWS & SHADING

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

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

#### ATTIC INSULATION

Attic Insulation Type: LF-Fiberglass & Insulsafe

Average R-Value: 20

Open Chases(s): No chases in residence.

#### HEATING & COOLING AIR DUCT SYSTEM

##### SYSTEM # 1

Condenser Manufacturing Date 2021

HVAC Duct Air Leakage 145.00

Estimated EER 11.5

% Leakage 9

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? Yes

Plumbing penetrations: sealed? Plumbing penetrations are sealed

#### ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): Standard

Fuel Type: Electric

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

## PROPERTY IDENTIFICATION

County	Travis	Property ID	588246	Property Type		Single Family	Building Count	1
Meter Number		7068850				Gas Type	Austin I/S Res	
Service Address		1901 MELISSA OAKS LN AUSTIN, TX, 78744						
						Occupied By	Vacant	
Year Built	2005	Foundation	Slab	Est. Sq Footage	2683	Avg. Duct Leakage (%)		9
Levels	2	Bedrooms	4	Baths	2.5	Fireplaces		0
Average Attic R-Value		20	Average Wall Height		8			

## WINDOWS AND SHADING

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

## 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	Electric
Range/Stove/Ovens	Electric		0		WH2	None	Fuel 2	None
Inefficient Toilets (> 1.28 gal)		0				Water Heater Timers		0
Efficient Toilets (<= 1.28 gal)		3+						
MISC Lighting	Combination		Solar PV	No	Electric Vehicle Charger		No	
Sprinklers	No	Year Installed		Rainwater Collector		No		
Natural Gas Generator		No	Water Saving Devices		Some Installed			

## ATTIC INSULATION & AIR INFILTRATION

Roof Type	Pitched	Roof Materials	Shingle	Roof Color	Medium	Total Attic R Value	20
Attic Insulation		Insulation Type	LF-Fiberglass & Insulsafe		Secondary Insulation Type		Batts-Fiberglass
	Square Feet	1630	Inches Deep	12.0	R Value	26	
Vaulted Ceiling Insulation		Insulation Type	Batts-Fiberglass		Secondary Insulation Type		LF-Fiberglass & Insulsafe
	Square Feet	444	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			No
	# Exterior Doors	3	# Doors Weather-stripped		3	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches		1	# Insulated	1	# Weather-stripped	1

## HEATING AND COOLING

Unit # 1	Zone Description	Main	Duct System	Mylar Flex
	Estimated Square Footage (Zone)	2683	Duct Locations	Attic;Conditioned Space
	Cooling Type	Central Air	Duct Condition	Fair
	Thermostat	WiFi	R-Value	R-8
	Condenser Mfg Year	2021	Return Air Sq In	759.0
	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	5	Estimated CFM	1518.00
	Sqft Per Ton	670.8	Did Not Reach Pressure	False
	Heating Type	Central Heat	Pressure Test Leakage CFM	145.00
	Fuel Type	Electric	% Leakage	9
	Furnace/Air Handler Location	Outside House - Attic	Supply Air Reading	64.0
	Air Handler Type	Horizontal	Return Air Reading	73.0
	Furnance Mfg Date	2006+	Delta T	9.0
	Estimated Furnance BTUs	[4.0] 70K	AFUE	[Electric Start] 80%

## NOTES & INSTRUCTIONS