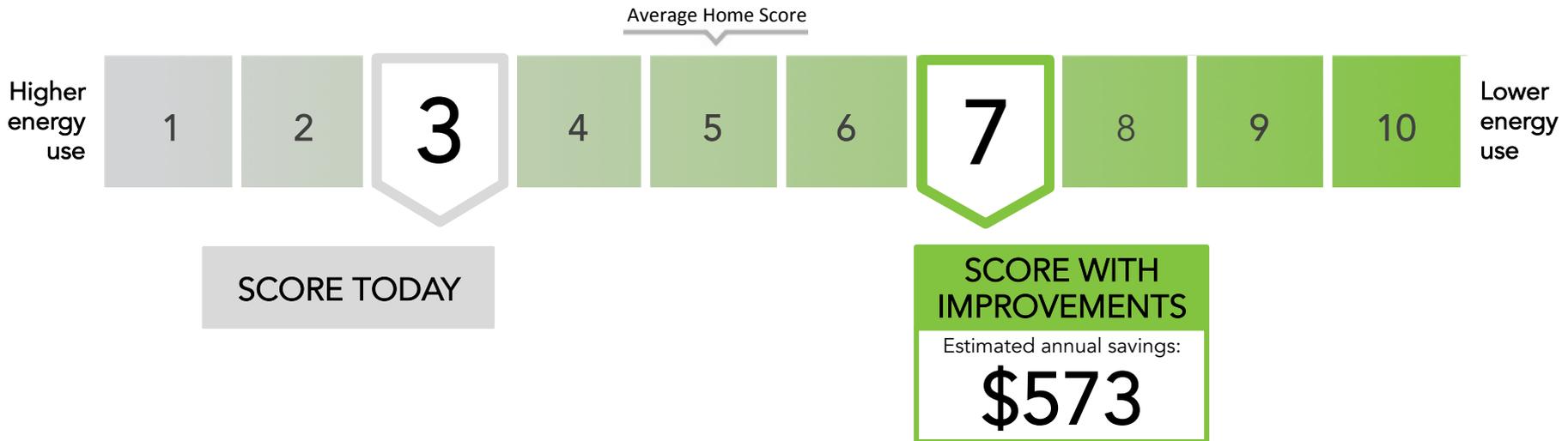


CONDITIONED AREA: 1,500 ft<sup>2</sup>  
YEAR BUILT: 1970  
COST BASIS: \$0.91 / kWh; \$1.153 / therm  
NO. OF BEDROOMS: 3

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SCORE TODAY **3**



The U.S. Department of Energy's Home Energy Score assesses the energy efficiency of a home based on its structure and heating, cooling, and hot water systems. For more information visit [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

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TODAY **3**

## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## About This Home



### ASSESSMENT

Type	Official
Assessor ID	#1234567
Scoring tool version	v2016
Date	December 22, 2016

### HOME CONSTRUCTION

Year built	1970
Number of bedrooms	3
Stories above ground level	1
Interior floor-to-ceiling height	10
Conditioned floor area (ft <sup>2</sup> )	1,500
Direction faced by front of house	North
Air sealed?	No
Air leakage rate	6,500 CFM50

## Estimated Annual Energy Use



### ENERGY BY TYPE

Total (MBtus)	204
Score basis (MBtus)	141
Electricity (kWh)	11,956
Natural gas (therms)	519
Propane (gallons)	226

### COST BASIS

Electricity	\$0.091 / kWh
Natural gas	\$1.153 / therms
Propane	\$2.171 / gallon
Energy cost per square foot	\$1.45 / ft <sup>2</sup>

### DEFINITIONS & CONVERSIONS

MBtu	Million British thermal units; generic energy unit
kWh	Kilowatt-hour; electricity unit
Therm	100,000 Btu; heat energy unit
Electricity conversion	1 MBtu = 293 kWh
Heat conversion	1 MBtu = 10 therms

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## Home Facts

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## Roof / Attic



### ROOF / ATTIC 1

Attic floor area (ft <sup>2</sup> )	500
Roof construction	Roof with Radiant Barrier / Composition Shingles or Metal / R-0
Roof color	Medium dark
Attic: ceiling type	Unconditioned attic
Attic floor insulation	R-25

### ROOF / ATTIC 2

Attic floor area (ft <sup>2</sup> )	1,000
Roof construction	Standard Roof / Composition Shingles or Metal / R-0
Roof color	Medium dark
Attic: ceiling type	Unconditioned attic
Attic floor insulation	R-9

## Foundation



### FOUNDATION / FLOOR 1

Floor area (ft <sup>2</sup> )	500
Foundation type	Slab-on-grade foundation
Foundation walls insulation	R-0

### FOUNDATION / FLOOR 2

Floor area (ft <sup>2</sup> )	1,000
Foundation type	Unconditioned basement
Floor insulation above foundation	R-0
Foundation walls insulation	R-0

## Walls



<u>WALL CONSTRUCTION</u>	<u>TYPE / EXTERIOR FINISH</u>	<u>INSULATION VALUE</u>
Front	Wood frame with Optimum Value Engineering (OVE) / Brick Veneer	R-19
Back	Wood frame / Wood, Asbestos, Fiber Cement, Shingle, or Masonite	R-0
Right	Concrete block or stone / Stucco	R-3
Left	Wood frame with rigid foam sheathing / aluminum siding	R-3

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## Home Facts

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## Windows & Skylights



### WINDOW AREA

Front (ft <sup>2</sup> )	70
Back (ft <sup>2</sup> )	90
Right (ft <sup>2</sup> )	40
Left (ft <sup>2</sup> )	30

<u>WINDOW CONSTRUCTION</u>	<u>PANES</u>	<u>FRAME</u>	<u>GLAZING or U-VALUE &amp; SHGC</u>
Front	Single	Aluminum	Clear
Back	Double	Wood or Vinyl	Solar-controlled low-E
Right	Double	Aluminum w/ thermal break	Insulating low-E, argon gas fill
Left	Triple	Wood or vinyl	Insulating low-E, argon gas fill

### SKYLIGHTS ROOF / ATTIC 1

Present?	Yes		
Area (ft <sup>2</sup> )	30		
Type	Single	Aluminum	Tinted

### SKYLIGHTS ROOF / ATTIC 2

Present?	No
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SCORE TODAY	<b>3</b>
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## Home Facts

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## Systems



### HVAC SYSTEM 1

Percent conditioned area served **33%**  
 Heating type **Electric heat pump**  
 Heating efficiency value **7.8 HSPF**  
 Cooling type **Electric heat pump**  
 Cooling efficiency value **12 SEER**

### DUCT SYSTEM 1

	<u>INSULATED?</u>	<u>SEALED?</u>	<u>PERCENT OF DUCTS IN THIS LOCATION</u>
Unconditioned attic	Yes	No	100%

### HVAC SYSTEM 2

Percent conditioned area served **67%**  
 Heating type **Central gas furnace**  
 Heating installation year **2009**  
 Cooling type **Central air conditioning**  
 Cooling installation year **2009**

### DUCT SYSTEM 2

	<u>INSULATED?</u>	<u>SEALED?</u>	<u>PERCENT OF DUCTS IN THIS LOCATION</u>
Unconditioned basement	No	No	50%
Unconditioned attic	No	No	25%
Conditioned space	No	No	25%

### HOT WATER

System type **LPG storage**  
 Installation year **1997**

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## Recommendations

The Home Energy Score's Recommendations show how to improve the energy efficiency of the home to achieve a higher score and save money. When making energy related upgrades, homeowners should consult with a certified energy professional or other technically qualified contractor to ensure proper sizing, installation, safety, and adherence to code. Learn more at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Recommended Improvements



**REPAIR NOW.** These improvements will save you money, conserve energy, and improve your comfort.

- ▶ **Air Tightness:** Have a professional seal all the gaps and cracks that leak air to save **\$110** / year
- ▶ **Ducts 1:** Add insulation around ducts in unconditioned spaces to at least R-6 to save **\$43** / year
- ▶ **Attic 2:** Increase attic floor insulation to at least R-19 to save **\$57** / year
- ▶ **Ducts 2:** Add insulation around ducts in unconditioned spaces to at least R-6 to save **\$23** / year
- ▶ **Ducts 2:** Have a professional seal all the gaps and cracks that leak air to save **\$74** / year

**REPLACE LATER.** These improvements will help you save energy when it's time to replace or upgrade.

- ▶ **Windows:** Choose ones with an ENERGY STAR label to save **\$61** / year
- ▶ **Water Heater:** Choose an ENERGY STAR appliance to save **\$159** / year
- ▶ **Electric Heat Pump:** Choose an ENERGY STAR appliance to save **\$32** / year

## Comments



Current local incentives may make this house a good candidate for a new water heater.