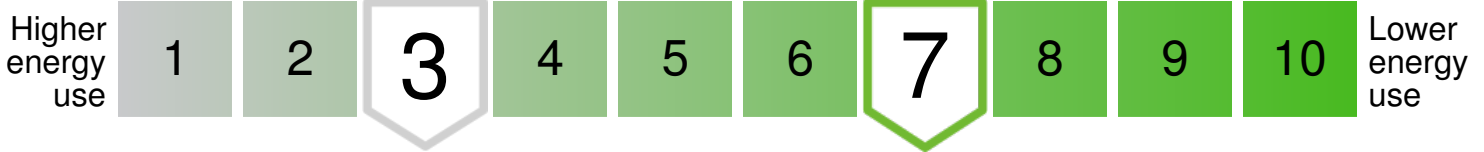


YEAR BUILT: 2000
CONDITIONED FLOOR AREA: 1,800 FT²

6003 Executive Boulevard
North Bethesda MD 20852

SCORE TODAY **3**

DOE Average Home Score



SCORE TODAY

Estimated annual energy cost: **\$2,604**

Score basis: **121 MBtu**

SCORE WITH IMPROVEMENTS

Potential annual energy cost: **\$1,842**

Score basis: **68 MBtu**

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

This Home...

CURRENTLY WASTES
44%
OF ENERGY ON INEFFICIENCIES

COULD SAVE
\$762
EACH YEAR ON ENERGY COSTS

COULD ELIMINATE
29%
OF CO2 EMISSIONS WITH COST-EFFECTIVE UPGRADES

This home is expected to use 36 kBtu / ft² and cost \$1.45 / ft² compared to an average home at 47.496 kBtu / ft² and \$1.02 / ft²

Estimated Energy Use

Electricity

TODAY:

19,673 kWh

WITH IMPROVEMENTS:

14,065 kWh



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SCORE 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.

About This Home



ASSESSMENT

Type	Official
Assessor name	101019
Scoring tool version	v2017

HOME CONSTRUCTION

Year built	2000
Number of bedrooms	4
Stories above ground level	2
Interior floor-to-ceiling height	8 ft
Conditioned floor area	1,800 ft ²
Direction faced by front of house	East
Air sealed?	No

Estimated Annual Energy Use



ENERGY BY TYPE

Total	180 MBtus
Score basis	121 MBtus
Electricity	19,673 kWh
Photovoltaic generation	522 kWh

COST BASIS

Electricity	\$0.133 / kWh
Energy cost per square foot	\$1.45 / ft ²

DEFINITIONS & CONVERSIONS

MBtu	Million British thermal units; generic energy unit
kBtu	Thousand 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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Roof / Attic



<u>ROOF / ATTIC 1</u>	
Attic floor area	900 ft ²
Roof construction	Standard / Composition Shingles or Metal / R-0
Roof color	Medium dark
Attic / ceiling type	Unconditioned attic
Attic floor insulation	R-9

Foundation



<u>FOUNDATION / FLOOR 1</u>	
Floor area	900 ft ²
Foundation type	Vented crawlspace / R-11
Foundation walls insulation	R-0

Walls



<u>WALL CONSTRUCTION</u>	<u>TYPE / EXTERIOR FINISH</u>	<u>INSULATION VALUE</u>
All	Wood frame / Wood siding	R-7



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Windows & Skylights



WINDOW AREA

Front	80 ft ²
Back	80 ft ²
Left	50 ft ²
Right	50 ft ²

WINDOW CONSTRUCTION

Front	Single	Wood or vinyl
Back	Single	Wood or vinyl
Left	Double	Wood or vinyl
Right	Double	Wood or vinyl

PANES

FRAME

GLAZING

Clear
Clear
Clear
Clear

SKYLIGHTS ROOF / ATTIC 1

Present?	No
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SCORE TODAY **3**

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Systems



HVAC SYSTEM 1

Percent conditioned area served	100%
Heating type	Electric heat pump
Heating efficiency value	7.8 HSPF
Cooling type	Electric heat pump
Cooling efficiency value	11 SEER

DUCT SYSTEM 1 INSULATED? SEALED? PERCENT OF DUCTS IN THIS LOCATION

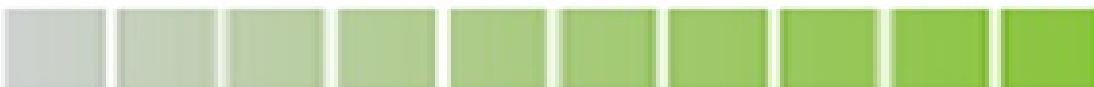
Conditioned space	No	No	50%
Unconditioned attic	Yes	No	50%

HOT WATER

System type	Electric storage
Efficiency value	0.87 EF

Photovoltaic

Year installed	2013
Direction faced	East
Capacity	0.5 kW



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SCORE
TODAY **3**

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.

Recommended Improvements



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

- ▶ Attic 1: Increase attic floor insulation to at least R-38 to save **\$124** / year
- ▶ Air tightness: Have a professional seal the gaps and cracks that leak air into your home to save **\$60** / year
- ▶ Ducts 1: Have your ducts professionally sealed to reduce leakage to save **\$199** / year

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

- ▶ Heat Pump 1: Pick one with an ENERGY STAR label to save **\$118** / year
- ▶ Water heater: Pick a heat pump water heater with an ENERGY STAR label to save **\$316** / year

Comments

