



# Home Energy Score Report

## Home

Sample Simple Score  
1 API House  
Minden NE, 68959

## Audit Date

Dec 1, 2017  
08:00 am

## Audited By

**Sandy Michaels**  
Tech Support  
sandy@snugghome.com  
8 am to 6 pm

## Snugg Pro

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8 am to 6 pm - Monday - Friday



The **Home Energy Score** is a national rating system developed by the U.S. Department of Energy. The **Score** reflects the energy efficiency of a home based on the home's structure and heating, cooling, and hot water systems.

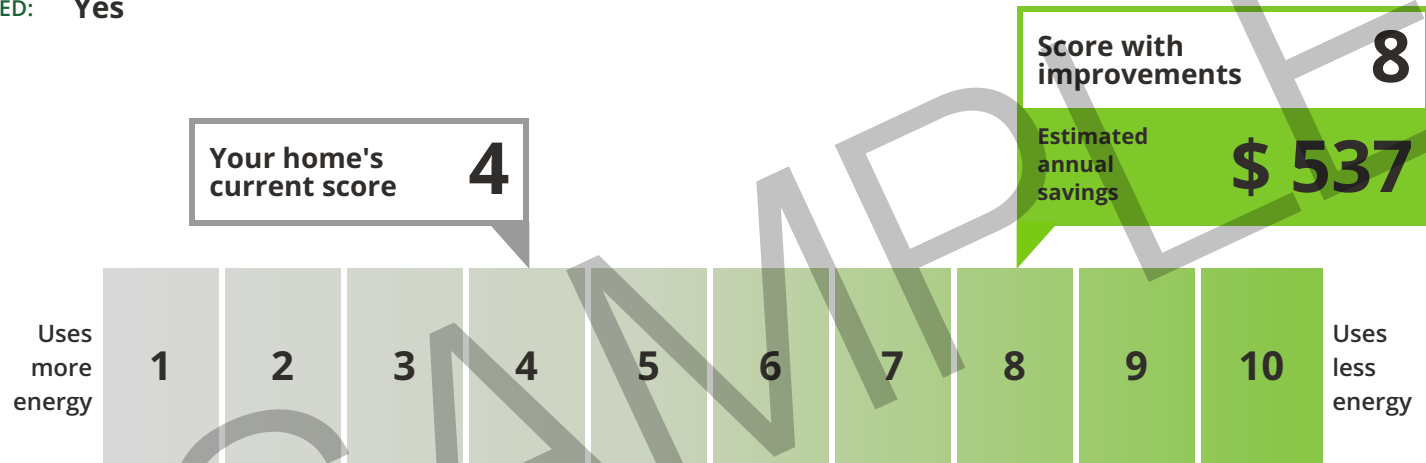
## Inside Your Report

Cover  
HES  
Tech specs



# Home Energy Score

ADDRESS: 1 API House  
Minden, NE 68959  
HOME SIZE: 1,800 square feet  
YEAR BUILT: 1983  
AIR CONDITIONED: Yes



Learn more at [homeenergyscore.gov](https://homeenergyscore.gov)



U.S. DEPARTMENT OF  
**ENERGY**

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CORRECTIONS INCLUDED ASSESSMENT | Assessor ID TST-Snugg | Assessed on Dec 06, 2017 | Label ID# 181181 | v2017



# Home Energy Score

1 API House  
Minden, NE 68959

SCORE  
TODAY

4

## 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).

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



- ▶ **Basement/crawlspace 1:** Insulate walls to R-11 to save **\$95** / year
- ▶ **Air tightness:** Have a professional seal the gaps and cracks that leak air into your home to save **\$70** / year
- ▶ **Ducts 1:** Have your ducts professionally sealed to reduce leakage to save **\$169** / year

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



- ▶ **Water heater:** Pick a heat pump water heater with an ENERGY STAR label to save **\$276** / year

## Comments

CORRECTIONS INCLUDED ASSESSMENT | Assessor ID TST-Snugg | Assessed on Dec 06, 2017 | Label ID# 181181 | v2017



The Home Facts include details about the home's current structure, systems, and estimated energy use.

## About This Home



### ASSESSMENT

|               |                      |
|---------------|----------------------|
| Type          | Corrections included |
| Assessor ID   | TST-Snugg            |
| Score Version | v2017.3f5a02bb       |

### HOME CONSTRUCTION

|                                   |       |
|-----------------------------------|-------|
| Number of bedrooms                | 3     |
| Stories above ground level        | 2     |
| Interior floor-to-ceiling height  | 8     |
| Conditioned floor area1           | 1800  |
| Direction faced by front of house | North |
| Air leakage rate                  | 6260  |

## Estimated Annual Energy Use



|             |            |
|-------------|------------|
| Total       | 189 MBtu   |
| Score Basis | 129 MBtu   |
| Electricity | 12930 kWh  |
| Natural Gas | 641 therms |

### COST BASIS

|             |               |
|-------------|---------------|
| Electricity | 0.11 / kWh    |
| Fuel Oil    | 1.99 / gallon |
| Natural Gas | 0.78 / therms |
| Propane     | 1.18 / gallon |

### 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                                 |



# Home Facts

## Property Details

|  |                        |
|--|------------------------|
| Year Built:  | 1983                   |
| Number of Bedrooms:  | 3                      |
| Stories above ground level:  | 2                      |
| Interior floor-to-ceiling height:  | 8 ft                   |
| Conditioned floor area (all stories combined including conditioned basements): | 1800 ft <sup>2</sup>   |
| Type of Home:  | Single-family Detached |
| Direction faced by front of house:   | North                  |

## Attic & Vaulted Ceiling

### Attic: 1

|                   |                      |
|-------------------|----------------------|
| Modeled Area:     | 900 ft <sup>2</sup>  |
| Insulation:       | 29 R Value           |
| Attic Roof Color: | Medium               |
| Attic Roof Type:  | Composition Shingles |

### Vault: 1

|                        |                   |
|------------------------|-------------------|
| Modeled Area:          | 0 ft <sup>2</sup> |
| Cavity Insulation:     | 0 R Value         |
| Continuous Insulation: | 0 R Value         |

## Heating & Cooling

|                      |              |
|----------------------|--------------|
| Heating Design Load: | 48604 Btu/hr |
|----------------------|--------------|

### Hvac: 1

|                            |                                     |
|----------------------------|-------------------------------------|
| System Name:               | Hvac System 1                       |
| Equipment Type:            | Furnace / Central AC (shared ducts) |
| Heat Pump Inverter:        | No                                  |
| Heating Energy Source:     | Natural Gas                         |
| % of Total Heating Load:   | 100%                                |
| Heating System Efficiency: | 92 AFUE                             |
| % of Total Cooling Load:   | 100%                                |
| Cooling System Efficiency: | 13 SEER                             |

|                        |                            |
|------------------------|----------------------------|
| Duct Leakage:          | Not Sealed                 |
| Duct Leakage Value:    | 0 CFM25                    |
| Duct Location:         | Crawlspace (unconditioned) |
| Duct Insulation:       | Insulated                  |
| Duct Insulation Value: | 4.3 R Value                |

## Exterior Walls

### Wall: 1

|                        |              |
|------------------------|--------------|
| Construction:          | Wood Frame   |
| Siding:                | Brick Veneer |
| Cavity Insulation:     | 15 R Value   |
| Continuous Insulation: | 0 R Value    |

## Foundation - Slab

|                          |                   |
|--------------------------|-------------------|
| Modeled Slab Floor Area: | 0 ft <sup>2</sup> |
|--------------------------|-------------------|

## Foundation - Basement

|                              |                   |
|------------------------------|-------------------|
| Modeled Basement Floor Area: | 0 ft <sup>2</sup> |
|------------------------------|-------------------|

## Foundation - Crawlspace

|                           |                                |
|---------------------------|--------------------------------|
| Modeled Crawl Floor Area: | 900 ft <sup>2</sup>            |
| Crawlspace Type:          | Unvented - Unconditioned Crawl |
| Crawl Cavity Insulation:  | 12 R Value                     |

## Windows

### Window: 1

|                              |                     |
|------------------------------|---------------------|
| Window Area: North (Front):  | 108 ft <sup>2</sup> |
| Window Area: East (Left):    | 60 ft <sup>2</sup>  |
| Window Area: South (Back):   | 135 ft <sup>2</sup> |
| Window Area: West (Right):   | 45 ft <sup>2</sup>  |
| Type:                        | Double pane         |
| Frame:                       | Wood or Vinyl       |
| U-Value:                     | 0.51 U Value        |
| Solar Heat Gain Coefficient: | 0.56 SHGC           |

## Water Heating

### Water Heating: 1

|                |                   |
|----------------|-------------------|
| Fuel:          | Electricity       |
| Type:          | Tank Water Heater |
| Energy Factor: | 80 EF             |

## PV

### Pv: 1

|          |    |
|----------|----|
| Has PV?: | No |
|----------|----|

## Contact Information

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## About This Report

Report Date: December 13, 2017  
Job ID: 92155

Report & modeling software: Snugg Pro™ 5.0