



Home Energy Scoring Tool

Data Collection Form

OMB Control #: 1910-5148
DOE HQ F 413.25
Exp. Date.: 7/31/2023

Location Information

Address: _____ City: _____ State: _____ Zip: _____

Assessment Type: **Initial / Final / QA / Alternative EEM** (Energy Efficiency Measures) / **Test / Corrected / Mentor / Preconstruction**

Assessment Date: _____ Assessor: _____

Comments: _____

Home Details

Year Built: _____ # of Bedrooms: **1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10** # of Stories Above Grade: **1 / 2 / 3 / 4**

Average Ceiling Height (ft): **6 / 7 / 8 / 9 / 10 / 11 / 12** Conditioned Floor Area (sq ft): _____

Direction Faced by Front of House: **N / NE / E / SE / S / SW / W / NW**

Air Tightness

Was a Blower Door test conducted on this house?: **Yes / No**

Air Leakage rate: _____ **cfm50** Has the house been professionally air sealed?: **Yes / No**

Roof / Attic 1 Attic 1 Area (sq ft): _____

Roof Construction: **Standard Roof / with Radiant Barrier / with Rigid Foam Sheathing**

Exterior Finish: **Composition Shingles or Metal / Wood Shakes / Clay Tile / Concrete Tile / Tar & Gravel**

Insulation Level (applied to roof): **R-0 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-30**

Roof Color: **White / Light / Medium / Medium Dark / Dark / Cool Color: _____** (reflectivity)

Attic or Ceiling Type: **Unconditioned Attic / Conditioned Attic / Cathedral Ceiling**

Attic Floor Insulation: **R-0 / R-3 / R-6 / R-9 / R-11 / R-19 / R-21 / R-25 / R-30 / R-38 / R-44 / R-49 / R-60**

Roof / Attic 2 Attic 2 Floor Area (sq ft): _____

Roof Construction: **Standard Roof / with Radiant Barrier / with Rigid Foam Sheathing**

Exterior Finish: **Composition Shingles or Metal / Wood Shakes / Clay Tile / Concrete Tile / Tar & Gravel**

Insulation Level (applied to roof): **R-0 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-30**

Roof Color: **White / Light / Medium / Medium Dark / Dark / Cool Color:** _____ (reflectivity)

Attic or Ceiling Type: **Unconditioned Attic / Conditioned Attic / Cathedral Ceiling**

Attic Floor Insulation: **R-0 / R-3 / R-6 / R-9 / R-11 / R-19 / R-21 / R-25 / R-30 / R-38 / R-44 / R-49 / R-60**

Foundation 1 Foundation 1 Area (sq ft): _____

Type: **Slab-on-Grade / Unconditioned Basement / Conditioned Basement / Unvented Crawlspace / Vented Crawlspace**

Floor Insulation over Basement or Crawlspace: **R-0 / R-11 / R-13 / R-15 / R-19 / R-21 / R-25 / R-30 / R-38**

Foundation Wall Insulation: **R-0 / R-5 (slab only) / R-11 (bsmt/crawl wall) / R-19 (bsmt/crawl wall)**

Foundation 2 Foundation 2 Area (sq ft): _____

Type: **Slab-on-Grade / Unconditioned Basement / Conditioned Basement / Unvented Crawlspace / Vented Crawlspace**

Floor Insulation over Basement or Crawlspace: **R-0 / R-11 / R-13 / R-15 / R-19 / R-21 / R-25 / R-30 / R-38**

Foundation Wall Insulation: **R-0 / R-5 (slab only) / R-11 (bsmt/crawl wall) / R-19 (bsmt/crawl wall)**

Walls

Is this home a Townhouse or Duplex?: **Yes / No**

Position of Unit: **Middle / Right / Left**

Wall Characteristics: **Front** or **All** (circle one)

Construction: **Wood Frame / Wood Frame with rigid foam sheathing / Wood Frame with Optimum Value Engineering (OVE) / Structural Brick / Concrete Block or Stone / Straw Bale**

Exterior Finish: **Wood Siding, Fiber Cement, Composite Shingle or Masonite Siding / Stucco / Vinyl Siding / Aluminum Siding / Brick Veneer / none**

Wall Insulation: **R-0 / R-3 / R-6 / R-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

Skylights: Yes or No (circle one):

Total Skylight Area (sq. ft.): _____ Number of Panes: **Single-pane / Double-pane / Triple-pane**

Frame Type: **Aluminum / Aluminum with Thermal Break / Wood or Vinyl**

Glazing Type: **Clear / Tinted / Solar-control low-E / Solar-control low-E, argon gas fill / Insulating low-E / Insulating low-E, argon gas fill**

-OR- Actual window specifications = U-Factor (from 0.01 – 5.00): _____ SHGC (from 0.0 – 1.0): _____

Window Area (sq. ft.):

Front: _____ Back: _____ Right Side: _____ Left Side: _____

Window Characteristics: **Front** or **All** (circle one) Solar Screens: **Yes / No**

Panes: **Single-pane / Double-pane / Triple-pane**

Frame Type: **Aluminum / Aluminum with Thermal Break / Wood or Vinyl**

Glazing Type: **Clear / Tinted / Solar-control low-E / Solar-control low-E, argon gas fill / Insulating low-E / Insulating low-E, argon gas fill**

-OR- Actual window specifications = U-Factor (from 0.01 – 5.00): _____ SHGC (from 0.0 – 1.0): _____

>BACK<

Wall Characteristics: Back

Construction: **Wood Frame / Wood Frame with Rigid Foam Sheathing / Wood Frame with Optimum Value Engineering (OVE) / Structural Brick / Concrete Block or Stone / Straw Bale**

Exterior Finish: **Wood Siding, Fiber Cement, Composite Shingle or Masonite Siding / Stucco / Vinyl Siding / Aluminum Siding / Brick Veneer**

Wall Insulation: **R-0 / R-3 / R-6 / R-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

Window Characteristics: Back Solar Screens: **Yes / No**

Panes: **Single-pane / Double-pane / Triple-pane**

Frame Type: **Aluminum / Aluminum with Thermal Break / Wood or Vinyl**

Glazing Type: **Clear / Tinted / Solar-control low-E / Solar-control low-E, argon gas fill / Insulating low-E / Insulating low-E, argon gas fill**

-OR- Actual window specifications = U-Factor (from 0.01 – 5.00): _____ SHGC (from 0.0 – 1.0): _____

>RIGHT SIDE<

Wall Characteristics: Right Side (facing house)

Construction: **Wood Frame / Wood Frame with Rigid Foam Sheathing / Wood Frame with Optimum Value Engineering (OVE) / Structural Brick / Concrete Block or Stone / Straw Bale**

Exterior Finish: **Wood Siding, Fiber Cement, Composite Shingle or Masonite Siding / Stucco / Vinyl Siding / Aluminum Siding / Brick Veneer**

Wall Insulation: **R-0 / R-3 / R-6 / R-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

Window Characteristics: Right Side (facing house)

Solar Screens: **Yes / No**

Panes: **Single-pane / Double-pane / Triple-pane**

Frame Type: **Aluminum / Aluminum with Thermal Break / Wood or Vinyl**

Glazing Type: **Clear / Tinted / Solar-control low-E / Solar-control low-E, argon gas fill / Insulating low-E / Insulating low-E, argon gas fill**

-OR- Actual window specifications = U-Factor (from 0.01 – 5.00): _____ SHGC (from 0.0 – 1.0): _____

>LEFT SIDE<

Wall Characteristics: Left Side (facing house)

Construction: **Wood Frame / Wood Frame with Rigid Foam Sheathing / Wood Frame with Optimum Value Engineering (OVE) / Structural Brick / Concrete Block or Stone / Straw Bale**

Exterior Finish: **Wood Siding, Fiber Cement, Composite Shingle or Masonite Siding / Stucco / Vinyl Siding / Aluminum Siding / Brick Veneer**

Wall Insulation: **R-0 / R-3 / R-6 / R-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

Window Characteristics: Left Side (facing house)

Solar Screens: **Yes / No**

Panes: **Single-pane / Double-pane / Triple-pane**

Frame Type: **Aluminum / Aluminum with Thermal Break / Wood or Vinyl**

Glazing Type: **Clear / Tinted / Solar-control low-E / Solar-control low-E, argon gas fill / Insulating low-E / Insulating low-E, argon gas fill**

-OR- Actual window specifications = U-Factor (from 0.01 – 5.00): _____ SHGC (from 0.0 – 1.0): _____

System 1 % of floor area served: _____

Heating (System 1)

Type of Heating 1 System: **None / Central gas furnace / Room (through-the-wall) gas furnace / Gas boiler / Propane (LPG) central furnace / Propane (LPG) wall furnace / Propane (LPG) boiler / Oil furnace / Oil Boiler / Electric furnace / Electric heat pump / Electric baseboard heater / Ground coupled heat pump / Minisplit (ductless) heat pump / Electric boiler / Wood Stove / Pellet Stove**

Heating System 1 Efficiency: Do you know the actual heating system efficiency?: **Yes / No***

*You can use the Assessor Calculator to determine the approximate efficiency!

Efficiency Value (AFUE or HSPF): _____ **OR** Year Installed: _____

Cooling (System 1)

Type of Cooling 1 System: **None / Central air conditioner / Room air conditioner / Electric heat pump / Minisplit (ductless) heat pump / Ground coupled heat pump / Direct evaporative cooling**

Cooling System 1 Efficiency: Do you know the actual cooling system efficiency?: **Yes / No***

*You can use the Assessor Calculator to determine the approximate efficiency!

Efficiency Value (SEER or EER): _____ **OR** Year Installed: _____

Duct (System 1)

Duct Location 1 (#1): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

Duct Location 1 (#2): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

Duct Location 1 (#3): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

System 2 % of floor area served: _____

Heating (System 2)

Type of Heating 2 System: **None / Central gas furnace / Room (through-the-wall) gas furnace / Gas boiler / Propane (LPG) central furnace / Propane (LPG) wall furnace / Propane (LPG) boiler / Oil furnace / Oil Boiler / Electric furnace / Electric heat pump / Electric baseboard heater / Ground coupled heat pump / Minisplit (ductless) heat pump / Electric boiler / Wood Stove / Pellet Stove**

Heating System 2 Efficiency: Do you know the actual heating system efficiency?: Yes / No*

*You can use the Assessor Calculator to determine the approximate efficiency!

Efficiency Value (AFUE or HSPF): _____ OR Year Installed: _____

Cooling (System 2)

Type of Cooling 2 System: **None / Central air conditioner / Room air conditioner / Electric heat pump / Minisplit (ductless) heat pump / Ground coupled heat pump / Direct evaporative cooling**

Cooling System 2 Efficiency: Do you know the actual cooling system efficiency?: Yes / No*

*You can use the Assessor Calculator to determine the approximate efficiency!

Efficiency Value (SEER or EER): _____ OR Year Installed: _____

Duct (System 2)

Duct Location 2 (#1): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

Duct Location 2 (#2): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

Duct Location 2 (#3): **Conditioned Space / Unconditioned basement / Vented crawlspace / Unvented crawlspace / Unconditioned attic**

Percentage of Ducts in this location: _____ Are ducts sealed?: **Yes / No** Are ducts insulated?: **Yes / No**

Hot Water:

Water Heater Type: **Electric Storage / Natural Gas Storage / LPG Storage / Oil Storage / Electric Instantaneous / Gas Instantaneous / Propane Instantaneous / Electric Heat Pump**

Hot Water System Efficiency: Do you know the actual water heater energy factor?: Yes (EF) / Yes (UEF) / No*

*You can use the Assessor Calculator to determine the approximate energy factor (EF)!

Energy Factor (between 0.0 – 1.0): _____ OR Year Installed: _____

Photovoltaic (PV) System

Year Installed: _____

Direction Panels Face: **N / NE / E / SE / S / SW / W / NW**

of Panels: _____ or DC Capacity: _____

Notes:

Assessment Checklist

General Info:

- Year
- # of bedrooms
- Blower door test?
- Professionally air sealed?
- Window specs?

Outside

- House Orientation
- # of stories
- Roof: Predominant exterior finish
 - Color
- Walls: Same type on all sides?
 - Construction type
 - Exterior finish
- Windows: Same on all sides?
 - Panes
 - Frame
 - Glazing

Inside

- Attic
 - Roof Construction
 - Insulation type & amount
 - Air sealed?
 - Air handler present? Type and year
 - Ducts?: Insulated? Sealed?

- Upper Floor
 - Square feet
 - Ceiling Height
 - Skylights?
 - Windows
- Main Floor
 - Square feet
 - Ceiling Height
 - Skylights?
 - Windows
 - Walls & insulation
- Crawlspace - insulation type & amount
 - Ducts?: Insulated? Sealed?
- Basement – Conditioned?
 - Square feet
 - Ceiling Height
 - Windows
 - Walls & insulation
- HVAC Equipment
 - Type?
 - Year or SN?
- Water Heater
 - Type?
 - Year or SN?
- PV
 - Age
 - Orientation
 - # of Panels or Capacity

