

# Home Energy Scoring Tool

## Data Collection Sheet



### Location Information

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

Assessment Date: \_\_\_\_\_ Qualified Assessor: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### House Information

Year Built: \_\_\_\_\_ # of Bedrooms: \_\_\_\_\_ # of Stories Above Grade: \_\_\_\_\_

Average Ceiling Height (ft): \_\_\_\_\_ 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

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**

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

### Attic

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**

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

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

Foundation Insulation: **None / 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 / Left / Right**

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**

Wall Insulation: **R-0 / R-3 / 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: \_\_\_\_\_

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): \_\_\_\_\_ SHGC (from 0 – 1): \_\_\_\_\_

**Window Area (sq. ft.):**

Front: \_\_\_\_\_ Right Side: \_\_\_\_\_ Back: \_\_\_\_\_ Left Side: \_\_\_\_\_

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

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): \_\_\_\_\_ SHGC (from 0 – 1): \_\_\_\_\_

**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-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

**Window Characteristics: Back**

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): \_\_\_\_\_ SHGC (from 0 – 1): \_\_\_\_\_

**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-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

**Window Characteristics: Right Side (facing house)**

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): \_\_\_\_\_ SHGC (from 0 – 1): \_\_\_\_\_

**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-7 / R-11 / R-13 / R-15 / R-19 / R-21 / R-27 / R-33 / R-38**

**Windows Characteristics: Left Side (facing house)**

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

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

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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): \_\_\_\_\_ SHGC (from 0 – 1): \_\_\_\_\_

**Heating System**

Type of Heating System: **None / Central gas furnace / Room (through-the-wall) gas furnace / Propane (LPG) furnace / Oil furnace / Electric furnace / Electric heat pump / Electric baseboard heater / Gas boiler / Oil boiler / Ground coupled heat pump**

**Heating System Efficiency**: Do you know the actual heating system efficiency?: **Yes / No** (before answering “No”, can you use the Home Energy Score Assessor Calculator to determine the approximate efficiency value?)

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

**Cooling System**

Type of Cooling System: **None / Central air conditioner / Room air conditioner / Electric heat pump / Ground coupled heat pump**

**Cooling System Efficiency**: Do you know the actual cooling system efficiency?: **Yes / No** (before answering “No”, can you use the Home Energy Score Assessor Calculator to determine the approximate efficiency value?)

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

**Ducts**

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

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

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

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

Duct Location (#3): **Conditioned Space / Unconditioned basement or unvented crawlspace / Vented 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 heat pump / Boiler with tank-less coil / Boiler with indirect tank**

**Hot Water System Efficiency**: Do you know the actual water heater energy factor?: **Yes / No** (before answering “No”, can you use the Home Energy Score Assessor Calculator to determine the approximate energy factor?)

Energy Factor (between 0-1): \_\_\_\_\_ **OR** Year Installed: \_\_\_\_\_