

**Sharyland Utilities, L.P. Standard Offer Program  
2017 Field Data Collection Form**

**Residential  
Hard-to-Reach**

**Date:** \_\_\_\_\_  
**Project Sponsor:** \_\_\_\_\_ **Phone:** \_\_\_\_\_  
**Customer Name:** \_\_\_\_\_  
**Service address:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **Zip:** \_\_\_\_\_  
**ESI ID:** \_\_\_\_\_  
**Meter#:** \_\_\_\_\_  
**Home Phone:** \_\_\_\_\_ **Cell/Work Phone:** \_\_\_\_\_

**Building Type:** Single family detached      Duplex  
 Mobile home      Apartment:      Upper      Lower      Middle  
**# of Stories:** \_\_\_\_\_ **Sq. Ft. of Conditioned Space:** \_\_\_\_\_ **# of Bedrooms:** \_\_\_\_\_  
**Heating type:** Gas/Propane      Electric Resistance      Heat Pump  
**Cooling type:** Central AC      Heat Pump      Window units & # of units: \_\_\_\_\_  
**Water Heating Type:** Electric      Gas/Propane

**Duct Sealing Unit #1**

**Pre-retrofit CFM<sub>25</sub>:** \_\_\_\_\_ **Post-retrofit CFM<sub>25</sub>:** \_\_\_\_\_ **CO test (ppm):** \_\_\_\_\_  
**Foundation Type:** Slab      Crawlspace/Basement      Conditioned Space (*upper Floor*)  
**Floor Area:** \_\_\_\_\_  
**Air handler location:** Attic/Garage      Interior closet/furr-down      Semi-Conditioned Space  
**# of Return Registers:** \_\_\_\_\_  
**System cooling capacity TONS:** 5.0      4.5      4.0      3.5      3.0      2.5      2.0      1.5  
**Duct type:** Sheet Metal Ducts      Flex Ducts or Fiberboard  
**Duct leakage areas treated: (Check all that apply)**  
 Registers      Return      Plenum      Duct connections      Duct holes/tears  
**Other:** \_\_\_\_\_

**Duct Sealing Unit #2**

**Pre-retrofit CFM<sub>25</sub>:** \_\_\_\_\_ **Post-retrofit CFM<sub>25</sub>:** \_\_\_\_\_ **CO test (ppm):** \_\_\_\_\_  
**Foundation Type:** Slab      Crawlspace/Basement      Conditioned Space (*upper Floor*)  
**Floor Area:** \_\_\_\_\_  
**Air handler location:** Attic/Garage      Interior closet/furr-down      Semi-Conditioned Space  
**# of Return Registers:** \_\_\_\_\_  
**System cooling capacity TONS:** 5.0      4.5      4.0      3.5      3.0      2.5      2.0      1.5  
**Duct type:** Sheet Metal Ducts      Flex Ducts or Fiberboard  
**Duct leakage areas treated: (Check all that apply)**  
 Registers      Return      Plenum      Duct connections      Duct holes/tears  
**Other:** \_\_\_\_\_

**Air Infiltration**

*This measure requires photos for reduction > 30% (pre-CFM; post-CFM; scope of work)*

Wind shielding: Well-shielded Normal Exposed  
Pre-retrofit CFM<sub>50</sub>: \_\_\_\_\_ Post-retrofit CFM<sub>50</sub>: \_\_\_\_\_ CO test (ppm): \_\_\_\_\_  
post-installation Carbon Monoxide test required for homes with gas appliances

Air infiltration measures installed: (Check all that apply)

Number of Plumbing penetrations:

Kitchen \_\_\_\_\_ Bathroom #3 \_\_\_\_\_  
Bathroom #1 \_\_\_\_\_ Utility Room \_\_\_\_\_  
Bathroom #2 \_\_\_\_\_  
Other: \_\_\_\_\_

Door weatherstripping:

Exterior door(s). # of doors: \_\_\_\_\_  
Furnace closet door \_\_\_\_\_  
Water heater door \_\_\_\_\_  
Attic access door \_\_\_\_\_

Caulking:

Windows. # of windows: \_\_\_\_\_ Exterior door(s). # of doors: \_\_\_\_\_  
Other areas. Describe: \_\_\_\_\_  
Light switch/outlet gaskets:  
# of light switch gaskets: \_\_\_\_\_ # of outlet gaskets: \_\_\_\_\_  
# of sealed light & fan penetrations \_\_\_\_\_ Trim & Baseboards \_\_\_\_\_  
Other air sealing measures. Describe: \_\_\_\_\_

\_\_\_\_ Project Sponsor affirms that an insulation installation certificate was permanently affixed near the attic opening

**Attic Insulation** *\*photos required if existing insulation is below R-5 (show full attic floor and ruler close-up)*

Attic Area #1

Insulation Type : None Loose Fill Fiberglass Loose Fill Cellulose  
Loose Fill Mineral Fiber Fiberglass/Rockwool Batts  
Approximate inches of existing insulation : \_\_\_\_\_ Existing Insulation R-Value: \_\_\_\_\_  
Existing Insulation Condition : Good Fair Poor  
Square feet of ceiling to be insulated : \_\_\_\_\_ Number of bags installed: \_\_\_\_\_  
Final R-Value: \_\_\_\_\_

Attic Area #2

Insulation Type : None Loose Fill Fiberglass Loose Fill Cellulose  
Loose Fill Mineral Fiber Fiberglass/Rockwool Batts  
Approximate inches of existing insulation : \_\_\_\_\_ Existing Insulation R-Value: \_\_\_\_\_  
Insulation Condition : Good Fair Poor  
Square feet of ceiling to be insulated : \_\_\_\_\_ Number of bags installed: \_\_\_\_\_  
Final R-Value: \_\_\_\_\_

Inputs for database if two attic areas are present:

Insulation Type: \_\_\_\_\_ Condition: \_\_\_\_\_  
Inches of Existing Insulation: \_\_\_\_\_ Square feet of ceiling to be insulated \_\_\_\_\_

**Attic Encapsulation**

Base R-Value: \_\_\_\_\_ R-Value of Installed Insulation: \_\_\_\_\_  
Sq. Ft. of Insulation Installed Above Conditioned Space: \_\_\_\_\_

**Wall Insulation**

Net wall area insulated (gross wall area less window and door area), sq.ft.: \_\_\_\_\_  
Wall cavity size : 2x4 2x6 Insulation material: Fiberglass batt  
Base wall insulation: Uninsulated R-4 Closed-cell foam spray  
Final Insulation R-Value: \_\_\_\_\_

**Floor Insulation**

Area above unconditioned space to be insulated, sq.ft.: \_\_\_\_\_

**Window AC**

Existing Unit Type: \_\_\_\_\_ Age of Existing Unit: \_\_\_\_\_  
Replacement Action Type: Replace on Burnout Early Retirement New Construction  
Cooling Capacity of Installed Unit (Btu/hr): \_\_\_\_\_  
Combined Energy Efficiency Ratio of Installed Unit (CEER): \_\_\_\_\_

**AC Tune Up**

Unit Type: \_\_\_\_\_ Cooling Capacity of Unit (Btu/hr): \_\_\_\_\_  
Additional Notes: \_\_\_\_\_

**Central AC or Heat Pump Replacement**

Existing Unit Type: Air Source Heat Pump Electric Resistance  
Replacement Unit Type: \_\_\_\_\_  
Replace on Burnout Early Retirement New Construction Age of Existing Unit: \_\_\_\_\_  
AHRI reference number: \_\_\_\_\_  
System cooling capacity TONS: 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5

SEER: 14.00-14.49 14.50-14.99 15.00-15.99 16.00-16.99 17.00-17.99 18+  
HSPF: (HP only) \_\_\_\_\_ Replace Existing Electric Furnace (HP only) : Yes No

*Condenser:*

Brand: \_\_\_\_\_ Model # \_\_\_\_\_ Serial # \_\_\_\_\_

*Coil:*

Brand: \_\_\_\_\_ Model # \_\_\_\_\_ Serial # \_\_\_\_\_

Furnace Model # \_\_\_\_\_

**Solar Screens**

Number of South-facing windows /doors treated: \_\_\_\_\_ Total sq. ft.: \_\_\_\_\_  
Number of West-facing windows/doors treated: \_\_\_\_\_ Total sq. ft.: \_\_\_\_\_  
Number of SouthWest-facing windows/doors treated: \_\_\_\_\_ Total sq. ft.: \_\_\_\_\_

**Energy Star Windows**

Existing window type: Single pane Double pane Window orientation: (mark all that apply)  
Window area sq.ft.: \_\_\_\_\_ N NE S SW E SE W NW

**Energy Star LEDs**

Number of Installed Bulbs: \_\_\_\_\_ Lumens: \_\_\_\_\_  
Location(s) of Installation(s): \_\_\_\_\_

**Energy Star Ceiling Fan**

Number of Fans Installed: \_\_\_\_\_  
Locations of Fans Installed: \_\_\_\_\_

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**Water Heating Measures****Low-flow showerheads**

Number installed: \_\_\_\_\_ Flow Rate: 2.0 GPM 1.75 GPM 1.5 GPM

**Faucet Aerators**

Number installed: \_\_\_\_\_ Flow Rate: 1.0 GPM 1.5 GPM

**Water Heater Replacement**

Existing Water Heater Type: Electric Heatpump

Replacement Water Heater Type: Electric Tankless Gas Gas Tankless

Energy Factor: \_\_\_\_\_ Tank Size: \_\_\_\_\_

Location of Replacement Water Heater: Conditioned Space Unconditioned Space

Conditioned Space Heating Type: Electric Gas Heat Pump

**Water Heater Jacket**

Water Heater Type: Electric Heat Pump Insulation R-Value: \_\_\_\_\_

# of Electric Water Heaters treated: \_\_\_\_\_ Year Water Heater Manufactured: \_\_\_\_\_

Water heater size (gal.): 30 40 50 60 80 120

Water heater location: Conditioned space Unconditioned space

**Pipe Wrap Insulation**

Water Heater Type: Electric Heat Pump Insulation R-Value: \_\_\_\_\_

# of Electric Water Heaters treated: \_\_\_\_\_

Pipe location: Conditioned space Unconditioned space

Pipe length: \_\_\_\_\_ (6 ft. is maximum value) Pipe Diameter: 1/2" 3/4" 1"

**Solar Water Heater**

Tank Size: 80 50 30 Solar Energy Factor: 1 2 3 4 5

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**Energy Star Clothes Washer**

Water Heater Type: Gas Heat Pump Electric Resistance Dryer Fuel Type: Electric

Unit Type: Front Loading Top-Loading Compact Gas

**Energy Star Dishwasher**

Water Heater Type: Gas Heat Pump Electric Resistance

Dishwasher Type: Standard Compact

**Energy Star Refrigerator**

Age of Existing Unit: \_\_\_\_\_ Mfg kWh: \_\_\_\_\_

Replacement Type: Replace on Burnout Early Retirement New Construction

Product Class: \_\_\_\_\_ Total Volume: \_\_\_\_\_