**Attachment F**

FY18 Clean Energy Communities LMI Program

**Energy Savings Data Worksheet**

Please complete the applicable sections below for the energy efficiency measure work you performed during the reporting period. Part II is for Residential measures and Part III is for Commercial Measures.

**Failure to submit all required information will result in delay of reimbursement.**

**Part I – Grantee Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reporting Month** | **Year** | **Grant Number** | **Contact Name** |
| Choose an item. | Choose an item. | Click or tap here to enter text. | Click or tap here to enter text. |

|  |  |
| --- | --- |
| **Grantee Organization Name** | **County Where Measures Were Installed** |
| Click or tap here to enter text. | Choose an item. |

**Type of Electric Utility Account(s):  Residential  Commercial**

**Part II – Residential Energy Measures (See Part III for Commercial measure fields.)**

**A. Lighting Measures – Check all that apply and fill in the appropriate data.**

Multiple sections for different types of wattages have been provided. If you need more than what’s provided, submit another copy of Attachment F with the additional wattages and number of bulbs.

|  |  |  |
| --- | --- | --- |
| **LED Bulbs - Inside** | | |
| |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |
| **LED Bulbs - Outside** | | |
| |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

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| **LED Hard-wire Fixtures**  **(Inside)** | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

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| **LED Hard-wire Fixtures**  **(Outside)** | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

|  |  |  |
| --- | --- | --- |
| **CFL Bulbs - Inside** | | |
| |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |
| **CFL Bulbs - Outside** | | |
| |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CFL Hard-wire Fixtures**  **(Inside)** | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CFL Hard-wire Fixtures**  **(Outside)** | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | | |  |  | | --- | --- | | **Wattage (W)** | **No. of Bulbs** | |  |  | | **Wattage (W)** | **No. of Bulbs** | |  |  | |

**B. Appliances – Check all that apply and fill in the appropriate data.  
 All appliances must be ENERGY STAR certified.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Refrigerators** | **No. Replaced** | **Indicate no. of refrigerators that are also CEE Tier 2 rated, if any:** | **No. Refrigerators** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Clothes Washers**  **(Home with Electric Water Heater)** | **No. Replaced** | **Indicate no. of clothes washers that are also CEE Tier 3 rated, if any:** | **No. Washers** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Clothes Washers**  **(Home with Fossil Fuel Water Heater)** | **No. Replaced** | **Indicate no. of clothes washers that are also CEE Tier 3 rated, if any:** | **No. Washers** |
|  |  |

|  |  |
| --- | --- |
| **Clothes Dryers (Electric)** | **No. Replaced** |
|  |

|  |  |
| --- | --- |
| **Clothes Dryers (Gas)** | **No. Replaced** |
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|  |  |
| --- | --- |
| **Dishwashers (Home with Electric Water Heater)** | **No. Replaced** |
|  |

|  |  |
| --- | --- |
| **Dishwashers (Home with Fossil Fuel Water Heater)** | **No. Replaced** |
|  |

**B. Heating, Ventilation, and Air Conditioning (HVAC)**

Multiple sections for different BTU/hr. outputs have been provided. If you require more space, please submit an additional copy of Attachment F with additional information.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Window AC Unit**  **Units must be ENERGY STAR certified.**  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **Age of Existing Equipment** | **BTU/Hr.** | **Age of Existing Equipment** |
|  | **5-10 Years**  **10-15 Years**  **> 15 Years** |  | **5-10 Years**  **10-15 Years**  **> 15 Years** |
| **No. of Units** | **No. of Units** |
|  |  |
| **BTU/Hr.** | **Age of Existing Equipment** | **BTU/Hr.** | **Age of Existing Equipment** |
|  | **5-10 Years**  **10-15 Years**  **> 15 Years** |  | **5-10 Years**  **10-15 Years**  **> 15 Years** |
| **No. of Units** | **No. of Units** |
|  |  |
| **Central Air Conditioning**  **(CAC)**  **Units must be ENERGY STAR certified.**  SEER is the Seasonal Energy Efficiency Rating.  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **SEER** | **No. of Units** | |
|  |  |  | |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |
| **BTU/Hr.** | **SEER** | **No. of Units** | |
|  |  |  | |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Air Source Heat Pump**  **Units must be ENERGY STAR certified.**  SEER is the Seasonal Energy Efficiency Rating.  EER is the Regular Energy Efficiency Rating.  HSPF is the Heating Seasonal Performance Factor.  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |
| **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |
| **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ductless Mini-Split**  **Heat Pump**  **Units must be ENERGY STAR certified.**  SEER is the Seasonal Energy Efficiency Rating.  EER is the Regular Energy Efficiency Rating.  HSPF is the Heating Seasonal Performance Factor.  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |
| **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |
| **BTU/Hr.** | **SEER** | **EER** | **HSPF** | **No. of Units** |
|  |  |  |  |  |
| **Age of Existing Equipment** | | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gas Furnace**  **Units must be ENERGY STAR certified.**  AFUE is the Annual Fuel Utilization Efficiency.  HSPF is the Heating Seasonal Performance Factor.  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |
| **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |
| **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Boiler (Gas & Oil)**  **Units must be ENERGY STAR certified.**  AFUE is the Annual Fuel Utilization Efficiency.  HSPF is the Heating Seasonal Performance Factor.  Note: 1 ton = 12,000 BTU/hr.   |  | | --- | | **Total No. of Units Installed** | |  | | **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |
| **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |
| **BTU/Hr.** | **AFUE** | **No. of Units** | **Existing Fuel Type** |
|  |  |  | **Natural Gas**  **Fuel Oil**  **Propane**  **Other:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Age of Existing Equipment** | | | |
| **5-10 Years  10-15 Years  > 15 Years** | | | |

|  |  |
| --- | --- |
| **Programmable Thermostats**  **(Homes with Fossil Fuel Heating only)** | **No. Installed** |
|  |

**D. Water Heating**

Multiple sections for different types of water heaters have been provided. If you require more space, please submit an additional copy of Attachment E with the additional information.

|  |  |  |  |
| --- | --- | --- | --- |
| **Heat Pump Water Heaters**  **(Must be ENERGY STAR certified)** | | | **No. Installed** |
|  |
| **Please indicate the number of homes in each type of heating system category which received heat pump water heater installations.** | | | |
| **Electric Resistance Heating** | **Heat Pump Heating** | **Fossil Fuel Heating** | |
|  |  |  | |

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| --- | --- | --- | --- | --- | --- |
| **Natural Gas Water Heater**  **(Tank or Condensing)**  **Units must be ENERGY STAR certified, with a minimum energy factor (EF) of 0.67.**   |  | | --- | | **Total No. of Units Installed** | |  | | **Size (Gallons)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |
| **Size (Gallons)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |
| **Size (Gallons)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |

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| --- | --- | --- | --- | --- | --- |
| **Natural Gas Water Heater**  **(Instantaneous)**  **Units must be ENERGY STAR certified, with a minimum energy factor (EF) of 0.80.**   |  | | --- | | **Total No. of Units Installed** | |  | | **Size (BTUs)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |
| **Size (BTUs)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |
| **Size (BTUs)** | **EF** | **No. of Units** |
|  |  |  |
| **Age of Existing Equipment** | | |
| **5-10 Years  10-15 Years  > 15 Years** | | |

|  |  |
| --- | --- |
| **Water Heater Insulation Blankets (Electric Water Heaters)** | **No. Installed** |
|  |

|  |  |
| --- | --- |
| **Water Heater Insulation Blankets (Natural Gas Water Heaters)** | **No. Installed** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Hot Water Pipe Insulation** | **Length (ft.)** | **R-Value** | **Pipe Circumference**  **(0.5, 0.75, or 1.0 inch)** |
|  |  |  |
| **Age of Existing Equipment and Water Heater Type** | | |
| **5-10 Years  10-15 Years  > 15 Years**  **Electric  Natural Gas** | | |
| **Length (ft.)** | **R-Value** | **Pipe Circumference**  **(0.5, 0.75, or 1.0 inch)** |
|  |  |  |
| **Age of Existing Equipment and Water Heater Type** | | |
| **5-10 Years  10-15 Years  > 15 Years**  **Electric  Natural Gas** | | |
| **Length (ft.)** | **R-Value** | **Pipe Circumference**  **(0.5, 0.75, or 1.0 inch)** |
|  |  |  |
| **Age of Existing Equipment and Water Heater Type** | | |
| **5-10 Years  10-15 Years  > 15 Years**  **Electric  Natural Gas** | | |

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| --- | --- |
| **Low Flow Showerheads (Electric Water Heaters)** | **No. Installed** |
|  |
| **Low Flow Showerheads (Natural Gas Water Heaters)** | **No. Installed** |
|  |

|  |  |
| --- | --- |
| **Faucet Aerators (Low-flow Faucets)**  **(Electric Water Heaters)** | **No. Installed** |
|  |
| **Faucet Aerators (Low-flow Faucets)**  **(Natural Gas Water Heaters)** | **No. Installed** |
|  |

**E. Home Envelope**

|  |  |  |  |
| --- | --- | --- | --- |
| **Windows**  **(Must be ENERGY STAR)** | Projects of this nature may entail the variation of windows from location  to location. In the sections below, please provide for each residence the  type of heating used in the home, total square footage of windows  installed, and whether or not the home has air conditioning. If you  require space for more residences, please submit another copy of  Attachment F with the additional residences' information. | | |
| **Residence 1** | **Sq. Ft. of Windows Installed** | **Heating System Type** | **Air Conditioning?** |
|  | Electric Heat Pump  Electric Resistance  Natural Gas | Yes  No |
| **Residence 2** | **Sq. Ft. of Windows Installed** | **Heating System Type** | **Air Conditioning?** |
|  | Electric Heat Pump  Electric Resistance  Natural Gas | Yes  No |
| **Residence 3** | **Sq. Ft. of Windows Installed** | **Heating System Type** | **Air Conditioning?** |
|  | Electric Heat Pump  Electric Resistance  Natural Gas | Yes  No |

|  |  |
| --- | --- |
| **Residential Air Sealing** | Projects of this nature may entail the variation of scope from location to location. In the sections below, please provide for each residence that received air sealing the appropriate blower door, air conditioning, heating, and building height information. |

|  |  |  |
| --- | --- | --- |
| **Residence 1** | | **Home Height (No. of Stories)** |
|  |
| **Before and After Blower Door Test Results** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing (CFM50)** | **After Sealing**  **(CFM50)** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Residence 2** | | **Home Height (No. of Stories)** |
|  |
| **Before and After Blower Door Test Results** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing (CFM50)** | **After Sealing**  **(CFM50)** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Residence 3** | | **Home Height (No. of Stories)** |
|  |
| **Before and After Blower Door Test Results** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing (CFM50)** | **After Sealing**  **(CFM50)** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Residence 4** | | **Home Height (No. of Stories)** |
|  |
| **Before and After Blower Door Test Results** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing (CFM50)** | **After Sealing**  **(CFM50)** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Residence 5** | | **Home Height (No. of Stories)** |
|  |
| **Before and After Blower Door Test Results** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing (CFM50)** | **After Sealing**  **(CFM50)** |
|  |  |

|  |  |
| --- | --- |
| **Attic & Ceiling Insulation** | Projects of this nature may entail the variation of scope from location to location. In the sections below, please provide for each residence that received attic and ceiling insulation the appropriate R-value, air conditioning, heating, and coverage area. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 1** | | **Type of Insulation Installed** | **Area Covered by Insulation (Sq. Ft.)** |
| **Fiberglass (Batt)**  **Blown/Sprayed Cellulose/Foam** |  |
| **Insulation R-Value** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Pre-Existing** | **After Retrofit** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 2** | | **Type of Insulation Installed** | **Area Covered by Insulation (Sq. Ft.)** |
| **Fiberglass (Batt)**  **Blown/Sprayed Cellulose/Foam** |  |
| **Insulation R-Value** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Pre-Existing** | **After Retrofit** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 3** | | **Type of Insulation Installed** | **Area Covered by Insulation (Sq. Ft.)** |
| **Fiberglass (Batt)**  **Blown/Sprayed Cellulose/Foam** |  |
| **Insulation R-Value** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Pre-Existing** | **After Retrofit** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 4** | | **Type of Insulation Installed** | **Area Covered by Insulation (Sq. Ft.)** |
| **Fiberglass (Batt)**  **Blown/Sprayed Cellulose/Foam** |  |
| **Insulation R-Value** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Pre-Existing** | **After Retrofit** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 5** | | **Type of Insulation Installed** | **Area Covered by Insulation (Sq. Ft.)** |
| **Fiberglass (Batt)**  **Blown/Sprayed Cellulose/Foam** |  |
| **Insulation R-Value** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Pre-Existing** | **After Retrofit** |
|  |  |

*Attachment F is continued on the next page.*

|  |  |
| --- | --- |
| **Residential Duct Sealing** | Projects of this nature may entail the variation of scope from location to  location. In the sections below, please provide for each residence that  received duct sealing the appropriate distribution efficiency, air  conditioning, and heating.  Distribution efficiency ratings can be obtained from the Building  Performance Institute's Distribution Efficiency Lookup Table available at:  <http://www.bpi.org/files/pdf/DistributionEfficiencyTable-BlueSheet.pdf>.  Note: 1 ton = 12,000 BTU/Hr. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 1** | | **Size of AC Equipment (BTU/Hr.)** | **Capacity of Heating Equipment (BTU/Hr.)** |
|  |  |
| **Distribution Efficiency (%)** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing** | **After Sealing** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 2** | | **Size of AC Equipment (BTU/Hr.)** | **Capacity of Heating Equipment (BTU/Hr.)** |
|  |  |
| **Distribution Efficiency (%)** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing** | **After Sealing** |
|  |  |

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| --- | --- | --- | --- |
| **Residence 3** | | **Size of AC Equipment (BTU/Hr.)** | **Capacity of Heating Equipment (BTU/Hr.)** |
|  |  |
| **Distribution Efficiency (%)** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing** | **After Sealing** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 4** | | **Size of AC Equipment (BTU/Hr.)** | **Capacity of Heating Equipment (BTU/Hr.)** |
|  |  |
| **Distribution Efficiency (%)** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing** | **After Sealing** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Residence 5** | | **Size of AC Equipment (BTU/Hr.)** | **Capacity of Heating Equipment (BTU/Hr.)** |
|  |  |
| **Distribution Efficiency (%)** | | **Air Conditioning?  Yes  No**  **Age of Heating System Equipment:**  **Pre-2007  2007 & Later**  **Age of AC System Equipment**  **(If Applicable):**  **Pre-2007  2007 & Later** | **Heating System Type:**  **Electric Heat Pump**  **Electric Resistance**  **Natural Gas**  **Other: \_\_\_\_\_\_\_\_\_\_\_\_** |
| **Before Sealing** | **After Sealing** |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Wall Insulation** | | **Area Covered with Insulation (Sq. Ft.)** | **Type of Insulation** |
| **Insulation Thickness**  **(Inches)** | **R-Value of Insulation** |  |  |
|  |  | **Heating System Type:**  **Electric Heat Pump  Electric Resistance**  **Natural Gas Other: \_\_\_\_\_\_\_\_\_\_\_\_** | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Floor Insulation** | | **Area Covered with Insulation (Sq. Ft.)** | **Type of Insulation** |
| **Insulation Thickness**  **(Inches)** | **R-Value of Insulation** |  |  |
|  |  | **Heating System Type:**  **Electric Heat Pump  Electric Resistance**  **Natural Gas Other: \_\_\_\_\_\_\_\_\_\_\_\_** | |

**Part III – Commercial Energy Measures**

Due to the wide range of possible commercial energy projects, the energy reporting metrics for commercial Clean Energy Communities Low-to-Moderate Income Grant projects will be determined on a case-by-case basis.

**A. Commercial Lighting**

|  |  |  |
| --- | --- | --- |
| **T12 to T8** | Please provide the quantity of fixtures and  attach a detailed line-by-line lighting audit  with project details. | **No. of Fixtures** |
|  |

|  |  |  |
| --- | --- | --- |
| **T8 to Low Power T8** | Please provide the quantity of fixtures and  attach a detailed line-by-line lighting audit  with project details. | **No. of Fixtures** |
|  |

|  |  |  |
| --- | --- | --- |
| **T12 to T8** | Please provide the quantity of fixtures and  attach a detailed line-by-line lighting audit  with project details. | **No. of Fixtures** |
|  |

|  |  |  |
| --- | --- | --- |
| **T12 to T8** | Please provide the quantity of fixtures and  attach a detailed line-by-line lighting audit  with project details. | **No. of Fixtures** |
|  |

**B. Other Measures**

To determine savings associated with the installation of measures not itemized on Attachment F, MEA will require third party verification. Please provide details below on the measures to enable savings calculations.

|  |  |
| --- | --- |
| **Other Measures** | **Detailed Explanation** |
|  |