EXHIBIT A

Dominion Energy Ohio

Housewarming Program Manual

EXHIBIT A

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1 PURPOSE AND DEFINITIONS

1.1 Purpose

1.1.1 The purpose of this Housewarming Program Manual (the Manual) is to provide guidance on implementation and operations for Dominion Energy Ohio's Housewarming Program. The contents of this Manual, and parts of the 10th Edition of the State of Ohio Weatherization Program Standards (WPS), are required policies, procedures, standards and references for the Housewarming Program. If there are any technical inconsistencies found within this Manual, the standards found in the latest edition of IFGC (International Fuel Gas Code), NFPA-54 (National Fuel Gas Code) and the Ohio WPS (Weatherization Program Standards) will prevail. Further, the Provider shall remain responsible for complying with all local, state and federal requirements relative to the performance under the Housewarming Program.

1.1.2 This Manual is referenced in the Agreement with the Provider and as such becomes policy against which the Agreement and program compliance shall be monitored. This manual provides Dominion Energy Ohio (or Company) and Housewarming Provider personnel and Contractors/Subcontractors guidance to make reasonable decisions in compliance with the Agreement.

1.2 Definitions

1.2.1 **Agreement -** The 2014 – 2017 Housewarming Program Agreement, which is the contract between Dominion Energy Ohio and the Provider consisting of the terms and conditions for administration of the Housewarming Program and any exhibit is attached thereto, including the initial version of this Housewarming Program Manual, plus any Supplemental Terms and Conditions that may be executed.

1.2.2 **BPI -** Building Performance Institute.

1.2.3 **Cost Share Weatherization -** Housewarming services provided to an Eligible Residence in combination with weatherization provided using any other energy efficiency program resources.

1.2.4 **Contractor/Subcontractor -** Certified person or company hired by Provider to complete the Initial Inspector's improvement recommendations under the Housewarming Program.

1.2.5 **Customer Education -** Information provided to customers by the Provider or its Contractor/Subcontractor to educate them about the Weatherization Assistance that they are receiving and other behavioral changes they can practice to reduce natural gas usage, reduce arrearages, maintain Housewarming investments, and ensure their health and safety.

1.2.6 **Dominion Energy Ohio or Company -** Dominion Energy Ohio is a Cleveland-based natural gas public utility regulated by the Public Utilities Commission of Ohio (PUCO). The Company services 1.2 million residential, commercial and industrial customers in more than 400 Eastern and western Ohio communities.

1.2.7 **Eligible Residence -** Any dwelling, house or apartment which does not exceed 4 units, which is served by Dominion Energy Ohio, has natural gas as the Primary Heat Source, is individually metered, and has not had Weatherization Assistance for the same deficiency in the past 5 years.

1.2.8 Final Inspection - An on-site, visual and diagnostic quality assurance inspection of Eligible Residences weatherized by the Provider to determine that appropriate Weatherization Assistance was provided in accordance with the WPS (or its successor) and this Manual.

1.2.9 Gas Appliance - Any natural gas-fired heating system or unit (that serves as the primary heat source for an eligible residence), water heater or cook stove.

1.2.10 HEAP or Home Energy Assistance Program - An energy assistance program, administered by the Ohio Development Services Agency (ODSA), designed to assist eligible households in securing and retaining utility service.

1.2.11 Home Weatherization Assistance Program or HWAP - A federally-funded energy assistance program administered by the ODSA and state-funded local agency providers that is designed to increase the energy efficiency of dwellings owned or occupied by income-eligible Ohioans, reduce participants' household energy expenditures, and improve participants' health and safety at no cost to eligible residents.

1.2.12 Housewarming Program - A weatherization program for Income-Eligible customers of Dominion Energy Ohio funded by Dominion Energy Ohio ratepayers under a stipulation with the PUCO.

1.2.13 Housewarming Program Manual or Manual - A manual provided by Dominion Energy Ohio, which further clarifies the responsibilities of the Provider and its Contractors/Subcontractors with respect to the Housewarming Program. This manual may be updated periodically.

1.2.14 HVAC - Heating, Ventilation and Air-Conditioning.

1.2.15 Income-Eligible Customer - Any person who is 1) qualified and approved for HEAP benefits, the Percentage of Income Payment Plan ("PIPP") Plus, HWAP participation or has an income of up to 200% of the federal poverty guidelines as determined by the rules governing eligibility under HWAP; and 2) who resides in an Eligible Residence.

1.2.16 Initial Inspection - An energy analysis of Eligible Residences, further detailed in Section 3.3 of this Manual, of Eligible Residences, conducted by the Provider to determine the appropriate Weatherization Assistance to be rendered under this Program.

1.2.17 Initial Inspector - Persons employed by the Provider or its Contractors/Subcontractors, who have successfully completed training at the Ohio Weatherization Center, to conduct the Initial Inspection of Eligible Residences.

1.2.18 Interim Inspection - Any additional inspection conducted between the Initial Inspection and the Final Inspection.

1.2.19 International Fuel Gas Code – Requirements and standards that establish minimum regulations for fuel gas systems and gas-fired appliances using prescriptive and performance related provisions.

1.2.20 MCF – One thousand cubic feet of natural gas.

1.2.21 National Electric Code - The requirements and standards established by the National Fire Protection Agency per its regulation NFPA-70.

1.2.22 National Fuel Gas Code or NFPA-54 - The requirements and standards established by the American National Standards Institute at regulation Z-223.1(A), and published as the National Fuel Gas Code.

1.2.23 Percentage of Income Payment Plan or PIPP Plus - The payment plan initially established by the PUCO in its Opinion and Order in Case No. 83-303-GE-COI, dated November 23, 1983, as subsequently amended. PIPP PLUS is governed by PUCO rules in Chapter 4901:1-18 of the Ohio Administrative Code.

1.2.24 Post Housewarming Inspection - Inspection conducted by a third party engaged by Dominion Energy Ohio to validate completed Weatherization Measures.

1.2.25 Primary Heat Source - That form of energy which is the heat source for the central heating system of an Eligible Residence, or, if an Eligible Residence is not centrally-heated, that form of energy which makes up the bulk of the energy used for space heating.

1.2.26 Provider - The entity selected by Dominion Energy Ohio to implement and administer all aspects of the Housewarming Program under the Housewarming Agreement.

1.2.27 Provider Personnel – Provider and Provider's Contractors/Subcontractors, and Provider's and Provider's Contractors'/Subcontractors' employees.

1.2.28 PUCO - The Public Utilities Commission of Ohio.

1.2.29 Stand Alone Projects - Weatherization Measures for which other leveraged funding is not used.

1.2.30 State of Ohio Weatherization Program Standards or WPS - The requirements and standards published in the tenth Edition of the State of Ohio Weatherization Program Standards, tenth edition, or as subsequently amended, or a standard subsequently adopted by ODSA.

1.2.31 Unsafe Natural Gas Appliance - Any natural gas appliance not installed or operating correctly, or which has any other obvious safety problem, or is determined by the Initial Inspector to be in violation of NFPA 54.

1.2.32 Weatherization Assistance - Residential assistance designed to increase the energy efficiency of dwellings owned or occupied by Dominion Energy Ohio's Income-Eligible Customers, reduce participants' household energy expenditures, and improve participants' health and safety, including but not limited to Initial Inspection, Weatherization Measures, Final Inspection, and related Customer Education.

1.2.33 Weatherization Measures - Those energy conservation measures and materials to be installed by Provider or its Contractors/Subcontractors in Eligible Residences, based upon an initial inspection of the Eligible Residence. Refer to Section 3.5.2 of this manual.

2 AMENDMENT AND NOTICE PROCESS

2.1.1 The contents of all or part of this Manual may be modified in order to remain current with the latest technologies, regulations, codes, pricing schedules, etc.

2.1.2 Amendments will be issued for comment in draft form to interested stakeholders and the Housewarming Provider.

2.1.3 Reviewers shall have 30 days to provide feedback and comment for further changes to the proposed modifications.

2.1.4 Dominion Energy Ohio shall incorporate final edits, and will distribute the new version of the manual to the Provider, identifying the revisions made.

2.1.5 Dominion Energy Ohio reserves the right to make changes with consideration of the input of the Provider that are in the best interests of the Company and its customers.

2.1.6 Provider is responsible to notify Dominion Energy Ohio of procedural or technical inconsistencies between this manual and the State of Ohio Weatherization Program Standards or other authoritative guidance referenced above.

3 RESPONSIBILITIES OF PROVIDER

3.1 Training and Certification

3.1.1 Provider is responsible to ensure that all personnel and Contractors/Subcontractors performing inspections, appliance repair/replacement work or structural weatherization work for the Housewarming Program hold and maintain the necessary certifications and/or licenses as required by the Ohio Weatherization Training Center (COAD), including but not limited to WPS and/or BPI certifications.

3.1.2 Provider and Contractor/Subcontractor personnel are responsible to provide appropriate identification to the customer upon request.

3.1.3 Provider must submit written certification to Dominion Energy Ohio on an annual basis that appropriate criminal background checks and drug testing on its employees and/or Contractors/Subcontractors who may perform Housewarming Program work have been completed.

3.2 Customer and Residence Eligibility

3.2.1 Customer Application Process

3.2.1.1 In the absence of an approved HWAP, PIPP, Heap or ODSA application, the customer will need to sign the Provider's Housewarming Weatherization application. A physical copy and/or electronic copy will be kept in customer file.

3.2.2 Customer Eligibility

3.2.2.1 Qualified and approved for Home Energy Assistance Program (HEAP) benefits, the Percentage of Income Payment Plan Plus (PIPP PLUS), Ohio Home Weatherization Assistance Program (“HWAP”) participation, or has an income of up to 200% of the federal poverty guidelines as determined by the rules governing eligibility under HWAP;

3.2.2.2 Resides in an Eligible Residence; and,

3.2.2.3 Is the named customer for natural gas service at the Eligible Residence, or;

3.2.2.4 Any other person who resides in an Eligible Residence being served by Dominion Energy Ohio, and who is not the named customer for natural gas service at said Eligible Residence, if approved by Dominion Energy Ohio.

3.2.3 Residence Eligibility

3.2.3.1 Any residential dwelling, house or apartment which does not exceed 4 units;

3.2.3.2 Served by Dominion Energy Ohio and has natural gas as the primary heat source;

3.2.3.3 Individually metered; and

3.2.3.4 Has not already received Weatherization Assistance for the same deficiency in the past 5 years;

3.2.3.5 Only units in which an Income-Eligible Customer resides can receive Weatherization Assistance under this program unless:

- Based on findings in the eligible unit, there is a related potential safety issue to other unit(s), in which case Provider will do no more than needed in the other unit(s) to remedy the issue.
- Wall or attic insulation needs to be installed, and installation in the eligible unit only will adversely impact the targeted reduction of energy use, in which case Provider will install insulation in the other units only as needed to achieve targeted energy use reduction.

3.2.4 Mobile Homes

3.2.4.1 Mobile home initial inspections, natural gas appliance work, weatherization measures and final inspections must be conducted per the specific mobile home guidelines in the latest edition of the Ohio WPS.

3.2.5 Rental Properties

3.2.5.1 The Provider must complete a “Landlord Release and Consent” form that includes a statement that makes the landlord aware that tenant’s rent cannot be raised as a result of the weatherization work.

3.2.5.2 Master-metered buildings are not eligible unless the owner is an Income-Eligible Customer and occupies one of the units in the building, provided the building qualifies as an Eligible Residence.

3.2.5.3 An inspection must be performed on the ineligible heating system(s) when insulation and air leakage reduction measures are applied to the entire structure. The Contractor/Subcontractor will make necessary repairs on ineligible units that are common vented with an eligible heating system.

3.3 Initial Inspection

The Provider will perform and document the results of Initial Inspections of Eligible Residences. The Initial Inspection must be conducted using the procedures specified in the latest edition of the WPS. The Initial Inspection will include the following structural, mechanical and energy analysis:

3.3.1 Gas Leakage Inspection

3.3.1.1 As part of the Initial Inspection, the Inspector may use a meter dial test (as described in Annex C of the National Fuel Gas Code) to check the entire piping system for leakage of natural gas. If a gas leak is discovered using the meter dial test, verify the presence of the leak using a gas detector or other approved leak detecting method. When a meter dial test is used, isolate the appliances at the shutoff valves, verify movement of the test dial hand, and position it on the upswing for duration of no less than 5 minutes for fractional foot hands.

3.3.1.2 If gas is detected, or upon discovery of any gas leak between the meter and the shut off valve to any natural gas appliance, the Inspector shall immediately notify the customer and contact Dominion Energy Ohio at 1-877-542-2630. All such gas leaks shall be considered a safety concern.

3.3.1.3 Upon discovery of a gas leak between an appliance shutoff valve and any natural gas appliance, Inspector must shut the valve to the appliance and provide written notice to the customer not to operate the appliance until it has been repaired by qualified personnel.

3.3.2 Metering Equipment Safety Inspection

3.3.2.1 Initial Inspector will perform a safety inspection of Dominion Energy Ohio's natural gas metering system, including but not limited to, individual meters, meter manifold and other visible metering equipment, for tampering.

3.3.2.2 If the Inspector finds visible evidence of tampering with Dominion Energy Ohio's metering system, the Inspector should document and take photos if possible, leave the premise and contact Dominion Energy Ohio at 1- 866-225-0465 between 7 am and 5:30 pm Monday through Friday. (If the tampering is discovered outside of these hours, the inspector needs to wait until the following business day to call and report it.)

3.3.2.3 The Initial Inspection will be placed on hold until Dominion Energy Ohio completes further investigation of tampering concerns.

3.3.2.4 Dominion Energy Ohio will provide "How to Recognize Tampering" training to the Inspectors.

3.3.3 Carbon Monoxide (CO) Inspection

3.3.3.1 Natural gas appliances must be inspected for Carbon Monoxide (CO) using a calibrated Carbon Monoxide tester in accordance with the WPS.

3.3.3.2 If CO is detected, refer to Unsafe Natural Gas Appliance Procedure; Section 3.3.8

3.3.3.3 CO detectors will be provided by inspector only if no housewarming work will be performed or if CO is detected prior to housewarming work. Contractors will provide CO detectors on all properties where housewarming work is performed.

3.3.4 Central Heating Appliance Inspection

The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.3.4.1 Vent System (includes Vent Connector and Vent System (Chimney)):

- Visually inspect to check for excessive corrosion, rust, cracks or holes, and for loose unsealed or disconnected sections.
- Inspect the venting to determine that it is in compliance with NFPA-54 or International Fuel Gas Code.
- Perform a backdraft test, when signs of backdrafting (as specified in the WPS heating unit inspection procedures) are detected, or when the blower door test indicates a tight housing unit as defined in the WPS's air movement inspection procedures.
- The use of a calibrated carbon monoxide tester to verify that there is no carbon monoxide in the living area; that the carbon monoxide in the flue gases is not excessive and carbon monoxide, oxygen and net stack temperature are within acceptable limits.

3.3.4.2 Combustion Air Requirements:

- Determine that combustion air requirements are in compliance with NFPA-54 or the International Fuel Gas Code.

3.3.4.3 Electrical Service:

- Check for charred, frayed or missing insulation or loose connections.
- Inspect main electrical power supply to the heating unit, when applicable, to determine that it is in compliance with NFPA 70.

3.3.4.4 Internal Heating System Components:

- Visually inspect heat exchanger checking for cracks, corrosion and debris.
- Examine the blower assembly, checking for cleanliness and proper functioning.
- Examine the burners for proper functioning and accumulated debris.
- Perform temperature rise calculation in accordance with the WPS.

3.3.4.5 Heating System Controls:

- Inspect pilot safety for proper functioning. Inspect fan/limit switch for proper functioning.
- Check thermostat for proper functioning.

3.3.4.6 Ducting:

- Test for leakage per WPS requirements.
- Check forced air distribution system for blockages, holes, loose sections, missing sections, and leaky or unsealed section

3.3.4.7 Boiler:

- Inspect to ensure installation meets NFPA-54 or the International Fuel Gas Code.
- Check for leaks in pumps, vents, condenser supply lines or return lines.
- Check for proper functioning of aquastat.
- Perform combustion efficiency test.
- Inspect boiler controls to insure proper operation.

3.3.5 Water Heater Inspection

The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.3.5.1 Visually inspect to determine that there is a temperature/pressure relief valve and a discharge pipe.

3.3.5.2 Check water lines for leaks.

3.3.5.3 Ensure installation is in accordance with NFPA-54 or the International Fuel Gas Code.

3.3.6 Natural Gas Cook Stove and Oven Inspection

The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.3.6.1 Test and inspect cook stove burners and ovens in accordance with the WPS.

3.3.6.2 Check to verify approved listed connector.

3.3.7 Mobile Home Inspection

The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.3.7.1 Determine that mobile home furnaces are approved for use in mobile homes.

3.3.7.2 Determine that mobile home natural gas equipment is approved for use in mobile homes.

3.3.8 Unsafe Natural Gas Appliance Procedure

Any natural gas appliance shall be considered unsafe if it has any other obvious safety problem, or is determined by the Initial Inspector to be in violation of either the National Fuel Gas Code or the International Fuel Gas Code.

3.3.8.1 Upon discovery of any of the above conditions, the Initial Inspector shall turn off any unsafe unit, apply a warning tag to the unit, and instruct the customer not to turn the unit on until the appliance is repaired by an authorized individual, Provider or Contractor/Subcontractor personnel.

3.3.8.2 Should the procedures outlined in the above paragraph leave a residence with inadequate heat during the heating season, or if gas leaks have not been repaired, the Initial Inspector may make an emergency referral to a heating unit Contractor/Subcontractor in order to resolve the problem. (See next section: Referral to HVAC Contractor/Subcontractor).

3.3.8.3 All cracked heat exchangers discovered by Provider or its Contractors/Subcontractors, must be documented in writing as to the size and location of the crack(s). The method(s) used to detect the crack must be documented.

3.3.8.4 Heating systems should be replaced with a similar type of system unless is it determined that a different type of system is more cost effective.

3.3.8.5 The reason a natural gas appliance was replaced or tagged as unsafe must be documented. Documentation may include email or written documentation, and a copy of the documentation referred to in this section must be in the Provider's customer file.

3.3.8.6 No weatherization work may begin until all safety problems are corrected.

3.3.9 Referral to Heating Unit Contractor

3.3.9.1 If, as a result of the Initial Inspection of the heating unit, any of the following conditions are determined to exist, the Initial Inspector shall prepare a furnace work order to remedy the condition:

- Safety hazards are discovered.
- Code violations are discovered.
- The combustion efficiency test indicates that the carbon monoxide levels, oxygen levels, stack temperature or draft are not within acceptable ranges per the WPS.

3.3.9.2 All heating unit measures performed by Provider or its Contractors/Subcontractors must be performed in compliance with all local plumbing and HVAC codes, the State of Ohio Weatherization Program Standards, the National Fuel Gas Code, the International Fuel Gas Code and the National Electric Code. Provider and its Contractors/Subcontractors are responsible for obtaining all necessary permits and final inspections. Provider will ensure that an accepted method for sizing heating unit replacements will be used by Provider, its staff, and its subcontractors. Accepted methods include those specified in the Air Conditioning Contractor’s Manual J and Modified Manual J.

3.3.9.3 Sticker must be placed on all heating units upon which work is performed, and must include name, address, phone number and emergency number of company that performed the work and date heating work was completed.

3.3.9.4 The heating and or plumbing Contractor/Subcontractor will be responsible for procuring applicable building permits.

3.3.9.5 If the Eligible Customer does not own the Eligible Residence, and Provider determines that the Eligible Residence's heating unit needs to be replaced, or that repairs in excess of $500 are required, then Provider may pursue any of the following options:

(1) Provider may replace or repair the heating unit, in compliance with all local plumbing and HVAC codes, and the National Fuel Gas Code. However, in such instances Provider shall pay no more than $500, or 50% of the cost of the heating unit replacement or repair, whichever is less, toward the replacement or repair. Provider shall notify the Eligible Customer and the property owner, both verbally and in writing, that the balance of the cost of the heating unit replacement or repair is the responsibility of the Eligible Customer or property owner, unless the property owner provides proof of income eligibility for weatherization to the Provider, in which case no homeowner contribution will be required. Provider shall, prior to effecting the heating unit replacement or repair, obtain the written consent and affirmation of the property owner, in which the property owner shall consent to the heating unit replacement or repair, and agree to assume all liability for financing that portion of the cost of the heating unit replacement or repair not paid for by Provider; or,

(2) Notwithstanding the foregoing, Provider may authorize repairs in excess of $500 to the heating unit in rental property, if the property owner demonstrates that he has applied for, and been denied, financing for the repair or replacement of the Eligible Residence's heating unit, or if Provider's failure to authorize such repair or replacement would leave the Eligible Residence without any safe source of heat during the heating season (October 15 - April 15). Provider shall, prior to effecting the heating unit repair, obtain the written consent and affirmation of the property owner, in which the property owner shall consent to the heating unit repair; or,

(3) Provider may notify the Eligible Customer and the property owner, both verbally and in writing, that the heating unit replacement or repair cannot be undertaken pursuant to this Manual.

3.3.10 Energy Efficiency (Weatherization) Initial Inspection

The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.3.10.1 Perform a visual and diagnostic inspection of the Eligible Residence to determine the existence of any health, safety or technical hazards, including moisture problems that might affect or preclude the provision of Weatherization Assistance.

3.3.10.2 Perform a blower door test in accordance with the latest edition of WPS to determine the extent of air leakage in the dwelling unit and to pinpoint significant air leakage that will need to be corrected through Weatherization Assistance.

3.3.10.3 Determine the target reduction level for the unit in accordance with the WPS.

3.3.10.4 Determine whether the unit thermal envelope is insulated in accordance with the WPS.

- Inspect attic(s), sidewalls, floors, gas hot water tank, heating ducts and water pipes, in accordance with the Ohio WPS, to determine if insulation is present and to estimate the amount of insulation needed, if any.
- Prioritize thermal envelope insulation as a Housewarming Program Weatherization Measure.

3.3.10.5 Calculate the Building Tightness Limit of the unit in accordance with the WPS.

3.3.10.6 Prioritize air sealing as a Housewarming Program Weatherization Measure.

3.3.10.7 Based upon the results of the Initial Inspection, determine which Weatherization Measures should be installed in each Eligible Residence.

3.3.10.8 Explain the recommendations of the Initial Inspection to the customer, including a description of the next steps in the Weatherization Assistance process, identification of types of Contractor(s) or Subcontractors that will be scheduled to perform weatherization work on the Eligible Residence, and other steps that the customer may take to further improve the effectiveness of energy conservation or weatherization.

3.3.10.9 Complete an Inspection Report, Work Scope/Order/Specification that documents the results of the inspection and assessment conducted, identifies the recommended Weatherization Measures, and specifies the Weatherization Assistance to be performed.

3.4 Natural Gas Appliance Work

3.4.1 If as a result of the Initial Inspection, it is determined that the natural gas-fired heating appliance, or water heater needs to be repaired or replaced, the Initial Inspector shall prepare a work order. No weatherization work may begin until all safety problems are corrected.

3.4.2 All heating appliance measures performed by the Provider or its Contractors/Subcontractors must be performed in accordance with all local plumbing and HVAC codes, the WPS, NFPA 54, International Fuel Gas Code NFPA 70, NFPA 211, and NFPA 90b, where applicable.

3.4.3 Provider and its Contractors/Subcontractors are responsible for obtaining all necessary permits and code/final inspections.

3.4.4 Provider will ensure that an accepted method for sizing heating appliance replacements will be used by Provider, its staff, and its Contractors/Subcontractors. Accepted methods include those specified in the Air Conditioning Contractors of America's "Manual J", the "Modified" (Short Form) Manual J taught at the Ohio Weatherization Training Center, or the National Energy Audit Tool.

3.4.5 Provider or heating Contractor/Subcontractor will place a contractor identification label which includes name, address, telephone number and emergency telephone number of the company/organization that performed the heating appliance work and the date the work was completed.

3.5 Weatherization Measures

Install, or make arrangements for the installation in Eligible Residences of the weatherization measures as outlined below:

3.5.1 All materials shall meet 10 CFR 440, Appendix A: https://nascsp.org/wap/technical-assistance-centerwaptac/regulations/

3.5.2 Eligible Weatherization Measures in the Housewarming Program include:

3.5.2.1 Insulation;

- Attic insulation.
- Wall insulation.
- Floor insulation over unconditioned spaces.
- Duct insulation for ducts in unconditioned spaces.
- Natural gas water heater insulation, if applicable.
- Water pipe insulation at water heaters.

3.5.2.2 Strategic blower door-guided air and duct sealing, with a focus on sealing major bypasses and air leakage sites, as well as comfort related air leakage sites.

3.5.2.3 Natural Gas Heating Systems:

- Repair of defective or inoperable heating systems.
- Replacement of systems that cannot be repaired; high efficiency equipment is installed, when possible.

3.5.2.4 Natural Gas Water Heaters:

- Repair of defective or inoperable domestic water heaters.
- Chimney lining when water heater is orphaned due to high efficiency equipment upgrade, if applicable.
- Repair of water leaks on water heaters.
- Replacement of water heaters that cannot be repaired.

3.5.2.5 Energy efficient showerheads.

3.5.2.6 Ventilation of homes that have been tightened to or below the building tightness limits (BTL) through proper air sealing and insulation.

3.5.2.7 Programmable thermostats where consumer energy education indicates that the customer would use the device, especially where major weatherization measures such as insulation and air sealing cannot be installed due to health, safety and technical reasons.

3.5.2.8 Smoke alarms, where required by code.

3.5.2.9 Necessary and reasonable repairs for the installation or protection of eligible Weatherization Measures.

3.5.2.10 Repair of natural gas cook stoves that are producing high levels of carbon monoxide.

3.5.2.11 Other items approved in writing by Dominion Energy Ohio.

3.5.3 Cost Share Weatherization

3.5.3.1 The Provider may refer work to its other program resources or Contractors/Subcontractors where the units will receive weatherization assistance utilizing both other resources and Housewarming Program funds.

3.5.4 Cost Share Weatherization Referrals

3.5.4.1 The Provider shall not charge Housewarming Program for costs of work covered by other energy efficiency programs.

3.5.4.2 Where applicable, the Provider shall ensure that a copy of the completed HWAP Building Weatherization Report (BWR), or its equivalent when work is performed by another program, is kept in the customer file maintained by the Provider.

3.5.4.3 The Provider shall perform a final blower door test on any of the Cost Shared weatherization jobs at Dominion Energy Ohio's request.

3.5.5 Stand Alone (Housewarming Program only) Weatherization

3.5.5.1 The Initial Inspector shall refer stand-alone weatherization jobs to Provider's local weatherization Contractors/Subcontractors for necessary Weatherization Assistance.

3.5.5.2 Contractors/Subcontractors shall have a maximum of two weeks to begin work and a total of four weeks to complete the work, from the date that the work order is received. Exceptions to this timing shall be documented.

3.5.5.3 The local Contractor/Subcontractor shall return a signed copy of the completed work order to the Provider.

3.5.5.4 All Weatherization Assistance rendered by the Provider or its Contractors/Subcontractors must be performed in compliance with all local codes, and must comply with the WPS and this Manual.

3.5.5.5 The Provider and its Contractors/Subcontractors are responsible for obtaining all necessary permits and code/final inspections.

3.6 Final Inspection of Completed Work

3.6.1 Gas Appliance Work Final Inspection for Eligible Residence

Upon receipt of a signed copy of the heating unit and/or other appliance work order(s), the Provider or its Contractors/ Subcontractors shall perform a final inspection of all appliance work completed. This inspection will verify that all necessary repairs have been made and that all materials charged to the job are present, accounted for and properly installed. The final inspection should ensure that local building permits required when a central heating appliance or water heater is replaced were obtained. The final inspection must include the following analysis:

3.6.1.1 Use of a meter dial test (as described in Annex C of the National Fuel Code) to ensure the system is leak-free. If a leak is suspected per the meter dial test, use a calibrated combustible gas leak detector or other approved leak-detecting method to verify the location of the leak. When a meter dial test is used, isolate the appliances at the shutoff valves, verify movement of the test dial hand, and position it on the upswing for duration of no less than 5 minutes for fractional foot hands.

3.6.1.2 If gas is detected, or upon discovery of any gas leak between the meter and the shut off valve to any natural gas appliance, the Inspector shall immediately notify the customer and contact Dominion Energy Ohio at 1-877-542-2630. All such gas leaks shall be considered a safety concern.

3.6.1.3 Upon discovery of a gas leak between an appliance shutoff valve and any natural gas appliance, Inspector must shut the valve to the appliance and provide written notice to the customer not to operate the appliance until it has been repaired by qualified personnel.

3.6.1.4 The use of a calibrated carbon monoxide tester to verify that there is no carbon monoxide in the living area, that the carbon monoxide in the flue gases is not excessive and carbon monoxide, oxygen and net stack temperature are within acceptable limits.

3.6.1.5 A visual inspection to verify that all repairs or replacements to the venting system are in compliance with NFPA-54, the International Fuel Gas Code and/or the manufacturer's instructions.

3.6.1.6 Use of a draft gauge on all vented systems to verify that the draft is within acceptable limits.

3.6.1.7 A visual inspection on all heating units and hot water tanks to verify that they have sufficient ventilation, combustion, and dilution air per NFPA-54, the International Fuel Gas Code and the State of Ohio Weatherization Program Standards.

3.6.1.8 All repairs, replacements, or adjustments to the limit controls, pilot safeties, thermostat, gas valves, boiler controls and cook stoves must be verified by testing for proper functioning.

3.6.1.9 A visual inspection to verify that all repairs, adjustments or replacements to the air distribution system were performed according to the appropriate code or standard.

3.6.1.10 An inspection to verify that all repairs, adjustments or replacements to the electrical system were performed according to the appropriate code or standard.

3.6.1.11 If the Initial Inspector or an HVAC technician had determined that the natural gas furnace or water heater was over- or under-fired, verify that the appropriate adjustments were made.

3.6.2 Housewarming Program Work Final Inspection

The Provider shall conduct a final inspection of each unit receiving service under the Housewarming Program as described below. The inspector will follow recommendations in WPS; inspections must include, but are not limited to, the following activities:

3.6.2.1 A material audit, which shall consist of a list of the types and quantities of all materials used to complete the Weatherization Assistance rendered under the Housewarming Program.

3.6.2.2 A quality control inspection of the work, pursuant to the State of Ohio Weatherization Program Standards or other applicable standards.

3.6.2.3 A final blower door test to determine if the weatherization work reduced the cubic feet per minute at 50 Pascals to the level specified in the State of Ohio Weatherization Program Standards, and to locate areas that should have been weatherized, but were not.

3.6.2.4 A final draft test must be done on all vented gas appliances pursuant to the specifications listed in the WPS. A back draft test must always be done when signs of backdrafting, as specified in the WPS heating unit inspection procedures, are detected, or when the blower door test indicates a tight housing unit, as defined in the WPS air movement inspection procedures.

3.6.2.5 Should the inspection result in a determination that the weatherization work is unsatisfactory or incomplete, the Provider will require the Contractor/Subcontractor to revisit the residence and correct any noted deficiencies, after which the Inspector will re-inspect the corrected work pursuant to the above standards. The Contractor's/Subcontractor's work must be approved by Provider's final inspection before Dominion Energy Ohio will be required to compensate Provider for such work.

4 POST-HOUSEWARMING INSPECTION OF COMPLETED WORK

4.1.2 A third party contracted by Dominion Energy Ohio will perform Post-Housewarming Inspections of completed Weatherization Assistance work performed by Housewarming Program Contractors/Subcontractors.

4.1.3 Dominion Energy Ohio's expectation is that Post-Housewarming Inspections will be conducted on 20% of the Housewarming jobs completed each year.

4.1.4 Dominion Energy Ohio will provide an electronic list of 20% randomly selected completed Housewarming jobs to the Post-Housewarming Inspector each month.

4.1.5 Post-Housewarming Inspector is responsible to work with customers to schedule access for the Post-Housewarming Inspection.

5 CUSTOMER EDUCATION AND MARKETING

5.1.1 All jobs shall receive Customer Education materials jointly agreed upon by Dominion Energy Ohio and the Provider.

5.1.2 Any marketing or other materials using Dominion Energy Ohio's corporate logo must be reviewed and approved in advance by Dominion Energy Ohio.

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
INSPECTION FEES

Description	Unit	Price per Unit Years 1-3	Year 4 - 5
Initial Inspection	EA	$115.00	
Interim Inspection	EA	$0.00	
Final Inspection	EA	$285.00	

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
Wall Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
SW1	R-13 Cellulose (exterior)	SF	$1.29	
SW2	R-13 Faced Fiberglass (int	SF	$1.58	
SW3	R-13 Interior Drill	SF	$2.02	
SW4	Cementatious Materials / I	SF	$1.96	

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
Attic Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
AT1	14" x 24" gable (150 nfva)	EA	$61.27	
AT2	26" nfva soffit	EA	$44.56	
AT3	45-50"nfva roof vent	EA	$66.84	
AT4	60 nfva gable vent	EA	$55.70	
AT5	62"nfva soffit	EA	$44.56	
AT6	77"nfva roof vent	EA	$66.84	
AT7	97-100"nfva gable vent	EA	$55.70	
AT8	Access Hatch (Insulate) w/ Snow jammer	EA	$31.19	
AT9	Access Hatch (New) w/ Snow jammer	EA	$63.49	
AT10	Cellulose R-19 Floor/Slope 5"	SF	$1.38	
AT11	Cellulose R-19 Open Joist 5"	SF	$0.92	
AT12	Cellulose R-22 Floor/Slope 6"	SF	$1.40	
AT13	Cellulose R-22 Open Joist 6"	SF	$0.98	
AT14	Cellulose R-30 Floor/Slope 8"	SF	$1.42	
AT15	Cellulose R-30 Open Joist 8"	SF	$1.05	
AT16	Cellulose R-38 Floor/Slope 10"	SF	$1.44	
AT17	Cellulose R-38 Open Joist 10"	SF	$1.10	
AT18	Coffin Hatch	EA	$178.23	
AT19	Coffin Hatch (Small)	EA	$77.98	
AT20	Hatch Dam	EA	$44.18	
AT21	R-11 Fiberglass (Kneewall/slopes)	SF	$0.86	
AT22	R-13 Cellulose (floor/slope) 4"	SF	$1.38	
AT23	R-13 Cellulose (slope)	SF	$1.03	
AT24	R-13 Open Joist 4"	SF	$0.92	
AT25	R-19 Fiberglass/Kneewall	SF	$2.02	
AT26	Soffit baffles	EA	$3.86	
AT27	Thru roof vent kit (up to 8')	EA	$150.38	
AT28	Insulate Common Walls	SF	$1.60	

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
Heating Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
HE1	Clean & Tune Furnace	EA	$100.26	
HE2	Clean & Tune HWT	EA	$55.70	
HE3	Boiler (replace) - To require bids and approval per CHN	EA	$0.00	
HE4	Furnace (90+) Only - disconnect power, gas, flue, provide manual J, remove and dispose of old furnace, install new furnace and reconnect, check installation for wps standards. Materials included in furnace price: up to 16lf of panning, up to 5lf of 1/2" gas line, condensate pump, cover for filter slot, one filter, new thermostat w/wiring, dirt leg, filter rack, gas cock, gas elbow, gas union, caulk, cinder blocks if necessary, dedicated circuit and breaker, up to 30lf of pvc 3/4", plenum transition, municipal permit, visual inspection and testing of AC unit as applicable	EA	$2,640.00	
HE5	Gas Water Heater - Standard	EA	$1,033.04	
HE6	Gas Water Heater - Power Vent	EA	$1,600.83	
HE7	Mobile Home Furnace	EA	$2,850.00	
HE8	Sealed Combustion Hot Water Tank	EA	$1,600.83	
HE9	Recover freon, remove coil, reinstall coil with new furnace, add freon; must be done on all trailers with AC, but could also be used to clean site built AC coils to prevent furnaces from shutting down on high limit	EA	$472.50	
HE10	Cold Air Return tie back 16'>concurrent	EA	$425.00	
HE11	Flexliner	EA	$425.00	
HE12	3"-6" 26ga Galv Elbow Flue	EA	$11.14	
HE13	3"-6" x 24" 26ga Galv Pipe Flue	EA	$14.48	
HE14	4" x 10" - 12" M H Register	EA	$13.37	
HE15	4"-6" x 3" 26ga Galv Wye Flue	EA	$17.82	
HE16	6" 30ga 4"x12" 90 reg boot Heat Run	EA	$17.82	
HE17	6" 30ga 4"x12" straight reg boot Heat Run	EA	$13.37	
HE18	6" 30ga 4"x6" takeoff Heat Run	EA	$24.51	
HE19	6" 30ga elbow Heat Run	EA	$11.14	
HE20	6" 30ga round takeoff Heat Run	EA	$16.71	
HE21	6" x 24" 30ga pipe Heat Run	EA	$13.37	
HE22	6" x 60" 30ga pipe Heat Run	EA	$26.73	
HE23	Add Register in Trunk	EA	$27.85	
HE24	Air purger	EA	$44.56	
HE25	Automatic feeders/ Pressure reducing Value	EA	$162.23	
HE26	Auto fill valve	EA	$200.08	
HE27	B-Vent Straps	EA	$11.47	
HE28	Blower motor (Replace)	EA	$250.64	
HE29	Blower Motor Bearings	EA	$162.23	
HE30	Blower Motor Belt	EA	$30.28	
HE31	Blow off tube	EA	$30.08	
HE32	Boots(New)	EA	$114.74	
HE33	Cap Chimney	EA	$111.39	
HE34	Chimney clean (heavily blocked) - To require bids and approval per CHN	EA	$0.00	
HE35	Chimney cleanout door(install new)	EA	$71.59	
HE36	Chimney cleanout/Clean debris	EA	$5.80	
HE37	Clean & Tune gas stove	EA	$110.00	
HE38	Combo control valve Electronic Ignition	EA	$278.49	
HE39	Controls- furnace/hwt	EA	$167.09	
HE40	Cover Filter Slots	EA	$50.13	
HE41	Dirt leg/sediment trap	EA	$22.28	
HE42	Disconnect Non-working Humidifier	EA	$14.48	
HE43	Ducts (all new) 8' section (8" @$8.00 lf, 6"@$6.00lf)	EA	$0.01	
HE44	Ducts (replace sections) 2' section (8"@8.00lf, 6"@6.00 lf	EA	$0.01	
HE45	Diverter Draft Hood HWT	EA	$29.54	
HE46	B-Vent Belmont Cap 3" - 6"	EA	$83.55	
HE47	B-Vent Elbows 3" - 6"	EA	$38.99	
HE48	B-Vent Flashing	EA	$27.85	
HE49	B-Vent Pipe Per 3" - 6"	LF	$18.94	

Dominion Energy Ohio Housewarming Program
Pricing Document
Heating Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
HE50	B-Vent Storm Collar 3" - 6"	EA	$55.70	
HE51	B-Vent Thimble 3" - 6"	EA	$35.46	
HE52	Fan/Limit Control	EA	$105.82	
HE53	Fiberglass/Flashing/Foam	EA	$25.24	
HE54	Filter (pleated)	EA	$22.95	
HE55	Filter (standard)	EA	$7.70	
HE56	Filter Rack	EA	$47.04	
HE57	Flashing 18' wide	LF	$2.87	
HE58	Flue / Diverter (Secure)	EA	$2.36	
HE59	Flue(mortar/cement/seal)	EA	$22.95	
HE60	24 volt Transformer	EA	$38.93	
HE61	Gas Cap	EA	$2.78	
HE62	Gas cock	EA	$28.68	
HE63	Gas Elbow	EA	$3.34	
HE64	Gas flex line (install) 6' & 8'	EA	$45.89	
HE65	Gas leak (repair)	EA	$45.89	
HE66	Gas Line (disconnect/cap)	EA	$28.68	
HE67	Gas Line 1" (install)	LF	$14.92	
HE68	Gas Line 1/2" (install)	LF	$9.18	
HE69	Gas Line 3/4" (install)	LF	$10.33	
HE70	Gas Nipple	IN	$0.95	
HE71	Gas Plug	EA	$2.23	
HE72	Gas Tee	EA	$3.62	
HE73	Gas union	EA	$9.18	
HE74	Combination Gas valve	EA	$206.53	
HE75	Gas whip	EA	$44.56	
HE76	Goose Neck	EA	$185.36	
HE77	install Radiator (N) - To require bids and approval per CHN	EA	$0.00	
HE78	Install Thermocouple	EA	$45.89	
HE79	Install thermostat	EA	$118.08	
HE80	Install thermostat (w/ wiring)	EA	$147.04	
HE81	Orifice	EA	$7.57	
HE82	Panning	LF	$3.90	
HE83	Pilot Assembly	EA	$56.24	
HE84	Plenum (New)	EA	$172.10	
HE85	Pressure release valve	EA	$50.13	
HE86	Radiator (bleed)	EA	$229.47	
HE87	Radiator (replace) - To require bids and approval per CHN	EA	$0.00	
HE88	Register (Replace existing)	EA	$74.58	
HE89	Return duct (patch)	EA	$22.28	
HE90	Safety Release Valve	EA	$167.09	
HE91	Seal Plenum Register	EA	$21.00	
HE92	Sheet Metal	SF	$5.74	
HE93	Shutoff valve furnace/hwt	EA	$35.00	
HE94	Service Call- No Repair or Replacement	EA	$83.55	

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
Air Sealing Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
AS1	Caulk (standard)	EA	$13.77	
AS2	2" Polystyrene Board w/ Foam Spray	BF	$4.00	
AS3	Foam 12-oz can	EA	$13.92	
AS4	2" Polyurethane Foam Spray (closed cell)	BF	$4.00	
AS5	Impermeable Material	SF	$1.44	
AS6	Snowjammer	EA	$56.25	
AS7	Door (Sweep)	EA	$27.85	
AS8	Door (Aluminum Weatherstrip)	EA	$41.22	
AS9	Door Replacemt / Metal or Solid Wood	EA	$334.18	
AS10	Door Threshold	EA	$27.85	
AS11	Door wraparound	EA	$55.70	
AS12	Eye Hooks	EA	$1.40	
AS13	Glass Replacemt (oversized)	EA	$87.22	
AS14	Glass Replacemt (small)	EA	$33.62	
AS15	Glass Replacemt (standard)	EA	$41.78	
AS16	Glazing	EA	$16.71	
AS17	Mobile Home Door w/hardware	EA	$250.64	
AS18	Keyed lockset	EA	$55.70	
AS19	Plexiglass SM MD	EA	$23.17	
AS20	Plexiglass(LRG)	EA	$87.44	
AS21	R-11 Faced/Unfaced	SF	$1.31	
AS22	R-11 vinyl Fiberglass	SF	$1.45	
AS23	R-6 vinyl Fiberglass	SF	$1.23	
AS24	Sashlock (adjustment)	EA	$5.41	
AS25	Sashlock (install)	EA	$8.65	
AS26	Sash (Replacemt w/hrdware)	EA	$65.00	
AS27	Stops (Adjust)	LF	$0.76	
AS28	Stops (New-door or window)	LF	$1.83	
AS29	Strikerplate (Adjust)	EA	$3.86	
AS30	Strikerplate (New)	EA	$16.71	
AS31	Barrel Bolt	EA	$7.47	
AS32	Deadbolt Locks	EA	$55.70	

EXHIBIT A

Dominion Energy Ohio Housewarming Program
Pricing Document
Other Components

HW Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
OT1	Smoke Alarm (Material and Labor)	EA	$56.70	
OT2	Carbon Monoxide Detector	EA	$57.75	
OT3	Handheld Lowflow Showerhead (Material and Labor)	EA	47.75	
OT4	Lowflow Hands Free (Material and Labor)	EA	$37.80	
OT5	Seal Returns	GAL	$61.27	
OT6	Clamps (Stainless Steel)	EA	$2.23	
OT7	6-mil plastic	SF	$0.34	
OT8	Caulk (Hi Temp)	EA	$22.95	
OT9	Caulk (Hi Temp/tinning chimney)	EA	$36.76	
OT10	Down Spout - 10'	EA	$38.99	
OT11	Dryer Hose (repair)	EA	$11.14	
OT12	Dryer Hose (replace)	EA	$28.68	
OT13	Dryer vent hood	EA	$18.36	
OT14	Dryer Termination Kit / Wall or Roof	EA	$28.68	
OT15	Dryer Vent Elbow	EA	$6.68	
OT16	Dryer Vent (large)	EA	$53.51	
OT17	Dryer Vent pipe 4"X24" 30 guage	EA	$4.46	
OT18	Drywall Repair	EA	$4.00	
OT19	Exhaust Fan H/S	EA	$114.74	
OT20	Foundation Vent	EA	$77.98	
OT21	Fuses safety (15-20 amp)	EA	$14.35	
OT22	Fuses safety (box of 4)	BX	$4.77	
OT23	Gutter - 10'	EA	$38.99	
OT24	Gutter Elbow	EA	$5.57	
OT25	Gutter End Cap	EA	$3.34	
OT26	Gutter Connector	EA	$7.80	
OT27	Gutter Hanger	EA	$4.46	
OT28	Gutter (Clean)	LF	$1.39	
OT29	Insulate hot water pipes	LF	$2.39	
OT30	Insulate Mobile Home Belly	LB	$1.95	
OT31	Insulate/Wrap Hot Water Tank	EA	$47.90	
OT32	Latex Primer	QT	$21.63	
OT33	Move Storage (**Sign off inspector**)	JB	$55.70	
OT34	Plywood (1/2")	SF	$2.35	
OT35	Plywood (1x4)	SF	$3.34	
OT36	Lumber (1x2)	LF	$0.44	
OT37	Lumber (1x3/4)	LF	$1.51	
OT38	Lumber (2x2)	LF	$0.67	
OT39	Lumber (2X4)	LF	$1.40	
OT40	Lumber (2X4) treated	LF	$1.68	
OT41	Lumber (2x6)	LF	$2.23	
OT42	Lumber (2x6) treated	LF	$2.79	
OT43	Lumber (2x8)	LF	$3.03	
OT44	Lumber (2x8) treated	LF	$3.68	
OT45	R-19 Fiberglass/Floored	SF	$1.84	
OT46	Renail & Clean gutters	LF	$2.16	
OT47	Repair plaster walls	SF	$2.31	
OT48	Shims (doors/windows)	EA	$3.47	
OT49	Splashblock	EA	$51.63	
OT50	Splashblock & cap Downspout	EA	$57.37	
OT51	Tighten Hinges	EA	$11.14	
OT52	Trim Door To Close	EA	$16.66	
OT53	Tinning	SF	$3.44	
OT54	Tyvek / Spun Olefin	SF	$0.56	
OT55	14"X16" Flat w all register (100-NFVA) w panning	EA	$40.00	
OT56	Louver door w/hardware	EA	$445.58	
OT57	Floor register (100 NFVA) w panning	EA	$94.69	
OT58	Aluminum Roof Coating	GA	$27.04	
OT59	Bath Exhaust Ducting kit	EA	$62.54	
OT60	Blower Door / Diagnostics	JB	$44.56	
OT61	Diagnostics (No pan)	EA	$68.84	
OT62	Diagnostics (Full)	EA	$97.53	
OT63	Casing	EA	$1.16	
OT64	Door (Rehang)	EA	$37.85	
OT65	Door 4" Butt Hinges (Door)	EA	$11.19	
OT-66	Insulation Blower Machine Lease with Truck - per day HWAP agencies	EA	$35.00	
OT-67	Re-Hang Loose Siding	EA	$0.00	
OT-68	Rafters	SF	$1.66	

Dominion Energy Ohio Housewarming Program
Pricing Document

HW New Codes	Description	Unit	Price per Unit Years 1-3	Year 4 - 5
HE 95	Hot Water Expansion Tank	EA	$135.00	
HE 96	Hot Water Tank Drain Pan	EA	$75.00	
HE 97	New Electric Circuit	EA	$125.00	
HE 98	New Electric Circuit with Box	EA	$175.00	
HE 99	Recessed Light Cover	EA	$50.00	
HE 100	Condensate Pump c/w kit	EA	$135.00	
HE 101	Furnace - Inducer Fan Motor / Inducer Assembly	EA	$550.00	
HE 102	Furnace - Ignitor	EA	$115.00	
HE 103	Furnace - Flame sensor	EA	$125.00	
HE 104	Furnace - Control Board	EA	$550.00	
HE 105	Furnace - Pressure Switch	EA	$125.00	
HE 106	Air Intake PVC Pipe for High Efficiency Combustion Appliance (Includes all fittings)	LF	$11.00	
HE 107	R-8 Insulated Flex Duct. - Unconditioned areas	EA	$63.94	
HE 108	Check Lack of Heat to Rooms in the home	EA	$45.00	
HE 109	Return Air Grills - Large	EA	$85.00	
HE 110	Transfer Grills - For Combustion Air - Large	EA	$75.00	
HE 111	B- Vent Flue - Adapter	EA	$25.00	
HE 112	B - Vent - Couplers	EA	$12.00	
HE 113	Interior Soffit Build for Cold Air Return Duct Work - through 1st Floor to 2nd floor unit.	EA	$355.00	
HE 114	Tieback Return Section - Less than 8LF	EA	$210.00	
HE 115	Water Leak Repairs - Pre -approval required for more than 3 leaks. Location of repairs required on invoice.	EA	$55.00	
HE 116	T/P Valve - Replace	EA	$150.00	
HE 118	High Limit control switch	EA	$145.00	
HE 119	Fan Limit control switch	EA	$145.00	
HE 120	Support Hangers for pipes / ducts.	EA	$4.50	
HE 121	Gravity Furnace - Bids Required to replace furnace, oversized heat runs with new heat runs & ductwork.	BID	$0.00	