

Klickitat PUD Residential HVAC Energy Efficiency Program Participation Requirements and Instructions

Thank you for your interest in our Residential HVAC Energy Efficiency Program. We are pleased that we have the opportunity to offer this service to you through our association with Bonneville Power. Because of this collaboration of funds the information we collect from you is required to help determine your eligibility and may also be used to evaluate and audit data about energy use and the conservation program as a whole. With that, your information may be requested for certain site visits to evaluate the performance of the program and is to be kept available for three years. No personal information will be issued to the public.

PROGRAM REQUIREMENTS

All residential HVAC measures must be installed according to KPUD, BPA, and manufacturer standards & specifications and are subject to inspection for the approval process. KPUD reserves the right to make changes to all programs and rebates are subject to the availability of funds through the Energy Efficiency Program.

NOTE TO INSTALLERS: Please contact KPUD's Energy Services to obtain specifications and requirements as each measure may require special forms and procedures to be followed.

Ductless Heat Pumps:

Qualifying Residence: Residential ductless heat pump measures are available for existing single- family and manufactured homes.

Existing Heating System Requirements: To be eligible, homes must have an electric heating system as the primary system listed below:

1. Single-family residences with zonal electric heat, including hydronic systems.
2. Single-family residences with electric forced air furnaces, with or without air conditioning.
3. Manufactured homes with zonal electric heat.
4. Manufactured homes with electric forced air furnaces, with or without air conditioning.

Qualifying Specifications:

Ductless heat pumps must be a split system heat pump employing inverter-driven outdoor compressor, with inverter-driven or variable-speed indoor blowers, rated with a minimum of 9.0 HSPF (for single head systems) and 8.0 HSPF (for multi-head systems) and listed on BPA's DHP Qualified Product List. Ducted indoor DHP units do not qualify for the DHP program (see Heat pump requirements).

Ductless heat pumps must be installed on a dedicated electrical circuit, according to manufacturers' specifications and the Best Practices for Installing Ductless Heat Pumps Guide and by a HVAC installer listed on the KPUD Authorized Contractors list.

Your contractor is responsible for ductless heat pump installations passing BPA approval criteria such as, but not limited to: AHRI certified with proof of AHRI number, warranted by manufacturer against defects in materials and workmanship for a minimum of one year, must be on the BPA DHP Qualified Products List, completion and submission of all required forms to KPUD and the Going Ductless Program including the DHP Installation form.

Contact Klickitat PUD for complete list of requirements and specifications for installing ductless heat pumps.

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Air Source Heat Pumps & Variable Speed Heat Pumps and Associated Duct Sealing:

Qualifying Residence: Residential heat pump measures are available for new construction single-family, existing single-family and existing manufactured homes.

Existing Heating System Requirements: To be eligible, homes must have an electric heating system as the primary system; or homes must have one of the following as an existing heating system:

1. Upgrades from a less efficient heat pump to an air-source heat pump or a variable speed heat pump.
2. Upgrades from a non-electric heating system (i.e. gas/propane/oil/wood) to an air-source heat pump or a variable speed heat pump.
3. Upgrades to a ground source heat pump by replacing the heat pump portion of the system.
4. Upgrades from zonal electric to an air-source heat pump or a variable speed heat pump.
5. Conversions from electric forced air furnace to an air source or a variable speed heat pump.
6. Conversion from hydronically heated system with electric resistance water heater.

Qualifying Specifications:

New heat pumps (Upgrades or Conversions) must be rated as having a minimum of 9.0 HSPF and 14 SEER and equipment must be AHRI tested and certified. Manufacturer claims of "equivalent to AHRI certified equipment" will not be accepted.

Installations must be performed by a technician certified in Performance Tested Comfort Systems (PTCS) air flow test and listed on KPUD's Authorized Contractor's List; self-installs will not qualify for rebate.

Homes with heated floor area greater than 4,500 square feet or with two separate duct systems may claim up to two heat pump measures when two qualifying heat pumps are installed provided all other program requirements are met.

Duct sealing rebates may qualify for these measures.

Contact Klickitat PUD for complete list of requirements and specifications for installing a heat pumps and duct sealing.

Ground Source Heat Pumps:

Qualifying Residence: Residential ground source heat pump measures are available for new construction single-family and existing single-family homes only (manufactured homes do not qualify).

Existing Heating System Requirements To be eligible, homes must have an electric heating system as the primary system; or homes must have one of the following as an existing heating system:

1. For existing single-family homes, only ground source heat pumps replacing an electric forced air furnace, an electric boiler used for hydronic heating, or an air source heat pump qualify.
2. For new construction single-family homes, the baseline is considered to be an electric forced air furnace.

Qualifying Specifications:

Measures include PTCS Ground Source Heat Pump Upgrades or Conversions with or without a Desuperheater.

Contact Klickitat PUD for complete list of requirements and specifications for installing a ground source heat pump.

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IMPLEMENTATION PROCESS

Request a Pre-Audit/Pre-Approval of the home with our Energy Services Specialist from KPUD to start the process. Call (509) 773-7622 to schedule an appointment.

1. Read the Program Participation Requirements and Instructions pages.
2. Complete Residential HVAC Rebate Application.

BID ACCEPTANCE AND INSTALLATION PROCEDURE

1. Customer is to secure bids from installer's listed KPUD Approved Contractors list, or if one is not available they must be bonded and licensed in Washington and they must contact KPUD to be approved. It is suggested that you obtain at least two (2) bids and no bid be accepted unless the premises have been visited and physically inspected by the bidding contractor. It is easier to evaluate submitted bids if each bidder receives the same description of the measures to be installed.
2. Complete any needed contractor required paperwork.
3. If you wish to use KPUD's Conservation Loan Program for your project, please contact our Energy Services department for more information and application as the process is different that stated herein.
4. If you think you may qualify for our Low-Income Program, please contact our Energy Services department for more information and application as the process is different that stated herein.

INSPECTION AND COMPLETION PROCEDURE

1. After the installation of all materials, contact KPUD to schedule an inspection.
2. We request that homeowner and/or occupant be present for the inspection.
3. If corrections are needed, KPUD will notify the contractor to clarify changes required comply with installation requirements.
4. If correction were required, another inspection will need to be scheduled.
5. Once all work is complete and approved by you, KPUD and the appropriate BPA Qualifying Agents; KPUD will then process the rebate request for approval on the next scheduled Commissioner's meeting.

NOTICES AND DISCLAIMERS

Kickbacks, rebates, non-authorized discounting of bids or other non-program benefits from the Contractors are prohibited, and may be subject to federal law.

All materials and installations must comply with current KPUD/BPA conservation specifications in order to be eligible for funding.

Contractors, participating in the program shall not be considered officers, agents or employees of BPA or KPUD; therefore, KPUD shall not be liable for the tortuous acts or omissions of the Contractors or other independent contractors.

All installations are subject to Quality Assurance oversight inspections by BPA approved Inspectors.

**Klickitat PUD Residential HVAC Energy Efficiency Program
Participation Requirements and Instructions**

REBATE VALUES

Klickitat PUD reserves the right to make changes to all programs and rebates are subject to the availability of funds through the Energy Efficiency Program. Programs are evaluated and changes implemented by September 30th of every year

Measure	Description	Rebate Value
Ductless Heat Pump	<u>Conversion</u> from electric zonal or electric plug-in	\$800
Ductless Heat Pump	<u>Conversion</u> from electric Forced air furnace	\$1,000
Air-Source & Variable Speed Heat Pump	<u>Upgrades</u> * From less efficient heat pump * From non-electric heating System (i.e. gas/oil/propane/wood) * Replacing heat pump portion of a ground source heat pump * From zonal to air-source heat pump	\$500
Air-Source & Variable Speed Heat Pump	<u>Conversion</u> *From electric forced air furnace * From hydronically heated systems with electric resistance water heater	\$1,000
Ground-Source Heat Pump	Call for details	Up to \$2,000
Duct Sealing	Applies to Heat Pumps measures only. Call for details	\$250

Questions about this program can be directed to Klickitat PUD Energy Services

Klickitat PUD
 1313 S Columbus Ave
 Goldendale, WA 98620
 (509) 773-7622 or (800) 548-8357
 www.klickitatpud.com

Klickitat PUD Residential HVAC Energy Efficiency Program
Participation Requirements and Instructions

Residential HVAC Rebate Application
Heat Pumps (air-source, variable-speed, ground-source),
Ductless Heat Pump, Duct Sealing

Klickitat PUD
1313 S. Columbus Ave.
Goldendale, WA 98620

www.klickitatpud.com
(509) 773-7622 or (800) 548-8357

Customer Name: _____ Account #: _____ Date: _____

Mailing Address: (for rebate check) _____

Installation Address (if different) _____ Phone: _____

RESIDENCE INFORMATION:

Type of Residence: Existing Single-Family New Construction Single-Family

Existing Manufactured Home Note: Multifamily does not qualify

Year home Built: _____ Primary Residence: Yes No

Is the primary heat source electric: Yes No

Existing electric heating system: Furnace Heat pump Zonal (Baseboard...) Radiant

Other _____

Is the water heater source electric: Yes No

Rebate payment is to be paid to the OWNER, unless stipulated by signing this authorization: I authorize KPUD to pay me rebate directly to my contractor as named below: _____

Customer Authorized Signature

Name & Address of
Contractor:

By signing below, I certify that the information supplied above is true and accurate to the best of my knowledge and belief and that I have read and comply with the Participation Requirements and Instructions.

Customer Signature

Date

This Section for KPUD use only

____ Heat Pump Air Source Variable Speed Ground Source \$ _____

____ Duct Sealing \$ _____

____ Ductless Heat Pump \$ _____

Meets rebate requirements? Yes No if so why _____

Approved By: _____ Date _____

Total Approved Rebate \$ _____