

# **Heat Pump Water Heater**

Residential Rebate Program



Wahkiakum PUD is helping our customers reduce their electric bills and make their homes more comfortable through our Residential Heat Pump Water Heater Rebate Program (HPWH). Heat pump water heaters save energy by using ambient heat to raise the temperature of water, rather than relying solely on electric-resistance heat such as with a conventional electric storage water heater. Unitary heat pump water heaters combine the tank and compressor in a single unit, while split-system heat pump water heaters have interior storage tanks and outdoor compressors installed outside the building.

#### **PROGRAM GUIDELINES**

Customer eligibility:

- Pre-approval is required for all utility rebate programs prior to installation and expires sixty (60) days after approval – projects requiring longer than sixty days to complete must obtain special approval from Wahkiakum PUD.
- May be a current residential electric customer of Wahkiakum PUD.
- Customer must participate in onsite inspection(s) and documentation requirements as required by utility to verify eligibility and installation of materials and/or equipment.
- Funds for this program are limited. This program is offered on a first-come, first-served basis and is effective until funding is expended or the program ends. Wahkiakum PUD reserves the right to deny an application, modify or discontinue this program without prior notice at the PUD's sole discretion and reserves the right to determine eligibility and the right to verify equipment and materials installed. Incomplete projects may not qualify for rebates.

#### Pre-condition characteristics of the space:

- Existing manufactured home, single-family home (includes 1-4 dwelling units within the same structure and up to 3 stories) or multifamily homes and used primarily for residential purposes.
- A maximum of one unitary HPWH measure may be claimed per home (accessory dwelling units with separate plumbing systems may also qualify for this measure even if they are on the same electrical meter).
- Must have a minimum of one year of active electric services. New construction is not eligible.

## Post condition, qualifying contractor, and equipment selection:

- The new heat pump water heater must be listed on the BPA Heat Pump Water Heater Qualified Products List (QPL) (visit <a href="https://www.wahkiakumpud.org/post/hpwh">https://www.wahkiakumpud.org/post/hpwh</a>)
- New equipment must be installed according to manufacturer's specifications.
- Customer may opt to self-install HPWH or select a contractor licensed, insured and bonded to work in Washington State; visit <u>WA State Department of Labor & Industries</u> or contact Wahkiakum PUD to confirm contractor eligibility.
- Split-System HPWH manufacturers' installation specifications may include:
  - o All water or refrigerant lines connecting the tank and outdoor units be insulated with minimum R-4;
  - If domestic hot water pipes outdoors are freeze-protected with heat cable, the cable be installed per manufacturer's instructions, underneath the insulation, and be thermostatically controlled to prevent the tape from operating above 38 degrees Fahrenheit;
  - o No resistance heating is allowed (except heat tape for freeze protection); and
  - The system is plumbed with a thermal mixing valve, which is equipped with internal check valves on the hot and cold-water lines connecting to it.
- Customer is responsible for checking with and fulfilling any state, county, city government and/or homeowner's association codes, ordinances, local conditions, restrictions, rules and regulations and obtaining any required building permits when installing measures.

#### **REBATE RATES**

Rebate amount cannot exceed the total cost of the project. A maximum of one unitary HPWH measure may be claimed per home (accessory dwelling units with separate plumbing systems will also qualify for this measure even if they are on the same electrical meter).

Unitary Heat Pump Water Heater 40-gallon (All Tiers): \$1,400 per HPWH
 Unitary Heat Pump Water Heater 50-gallon and above (Tier 3): \$1,600 per HPWH
 Unitary Heat Pump Water Heater 50-gallon and above (Tier 4): \$1,800 per HPWH
 Split-System Heat Pump Water Heater any size tank: \$2,200 per HPWH

### **DOCUMENTATION CHECKLIST**

#### **Prior to Installation**

To receive pre-approval the following must be completed before installation of equipment:

1. Wahkiakum PUD Residential Heat Pump Water Heater Rebate Pre-Qualification Request Form

#### After Installation

The following documentation must be provided to Wahkiakum PUD within 14 days of installation:

- 1. Request final inspection from Wahkiakum PUD to verify installation <or> provide Wahkiakum PUD photo(s) of each installed heat pump water heater documenting its installed location
- 2. Equipment/contractor invoice showing:
  - a. physical address of installation
  - b. order or purchase date
  - c. measure requirements have been met (i.e. manufacturer, model number, type and quantity of equipment or product installed/used)
  - d. size
  - e. quantity of equipment installed
  - f. actual cost
- 3. Verification installation has cleared all required building and/or electrical permits (if applicable)



# Residential Heat Pump Water Heater Rebate Pre-Qualification Request Form

PRE-QUALIFICATION REQUEST: Pre-approval is required and expires sixty (60) days after approval.						
Homeowner name				Homeowner pho	ne	
Physical address				PUD account nur	nber	
Mailing address						
Year building built		Esti		Estimate cost		
Home type		☐ Single-family home ☐ Manufactured home ☐ Multi-family (5 or more dwelling units within the same structure)				
INSTALLATION INFORMATION & NEW EQUIPMENT						
	□ Proj	roject will be a self-install $\ \square$ Project will be installed by a contractor				
Select one	If appli	If applicable, Contractor name:			Phone:	
	Contrac	ontractor license number:				
			Water Heater 1	Wa	ater Heater 2	
Location of new water heater in home (e.g. garage, basement, etc.)			Location:	Is this second lo	Location: Is this second location a dwelling unit with separate plumbing systems? ☐ Yes ☐ No (If "No", this unit is not eligible for rebate)	
Is location in a conditioned (heated) space? (select one)			☐ Conditioned space ☐ Unconditioned space	☐ Conditioned space ☐ Unconditioned space		
Type of new water heater			☐ Unitary ☐ Split System	☐ Unitary ☐ Split System		
Tier of new water heater			☐ Tier 2 ☐ Tier 3 ☐ Tier 4	☐ Tier 2 ☐ Tier 3 ☐ Tier 4		
Size (gallons) of new water heater						
Manufacturer						
Model						
SIGNATURE and DISCLAIMER  Applicant is responsible for adhering to Program Guidelines. Wahkiakum PUD hereby disclaims any and all implied warranties (including but not limited to implied warranties of merchantability or fitness for a particular purpose) and shall not be responsible for any representation or promise with respect to the equipment, materials or labor required for the installation of energy efficiency measures on the premises, or the cost of such equipment, materials and labor. By signing this form, I understand that Wahkiakum PUD will make the final determination of any incentive that I may receive. Programs are subject to change without notice.						
Owner signat SIGN HERE	ure:				Date	
Optional Release: By owner signing below I release my utility rebate to be paid directly to the installation contractor.						

To obtain pre-approval, submit form to Wahkiakum PUD:

By Fax: (360) 795-8441 or Email: cs@wahkiakumpud.org By Mail: PO Box 248, Cathlamet WA 98612

In Person: 45 River Street, Cathlamet WA 98612

Questions? Contact Wahkiakum PUD: Phone: (360) 795-3266 or (360) 465-2171 Online: www.wahkiakumpud.org