

Authorized Contractor List

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

Below is a list of contractors who are licensed by the State of Washington, who carry liability insurance, and who have agreed to comply with all Bonneville Power Administration and Utility installation and material standards and specifications. The Utility cannot guarantee the quality of their work
 Homeowners are encouraged to request bids from several installers and to ask for references from satisfied customers.
 To assure that agreement standards and specifications are met, all weatherization work done by these contractor's under this program must be inspected by the Utility. The Utility cannot be held responsible for contractor caused damages or work done beyond the scope of the Bonneville Power Administration specifications.

<i>Heat Pump Contractors</i>		
All Pro Heating & Electrical (0180) PO Box 712 Goldendale, WA 98620 (509) 250-1335 Fax (509) 773-7700 (509) 773-3230 PTCs-1048	Hammerhead Heating & Air Cond. (1884) PO Box 2073 White Salmon, WA 98672 (509) 493-3744 Fax (509) 493-4986 hammerhead@charter.net PTCs-1732	D&D Refrigeration, LLC (1081) 5 Bailey Loop Dr. Goldendale, WA 98620 (509) 773-6450 PTCs to be contracted out
Victory Heating & Cooling (4518) 1217 Centerville Hwy Lyle, WA 98635 (509) 365-5203 PTCs-1731	Access Electric & Heating, Inc. (0150) PO Box 460 Goldendale, WA 98620 (509) 773-3315 Fax (509) 773-5483 PTCs-2116 PTCs-2117	Miller & Sons (2796) *Geo-Thermal 2071 Bailey Rd Zillah, WA 98953 (509) 829-5959 (509) 949-6007 Cell PTCs-1747 millerandsons@wildblue.net
Oregon Equipment Co. (3173) 110 E 2nd St The Dalles, OR 97058 (509) 296-2915 Fax (509) 296-8073 PTCs-1733 ron@oregonequipment.com		ycc@wildblue.net

General Contractors

<p>Affordable Windows (0162) 241 South 4th Place, Suite D Renton, WA 98055 (425) 226-6000 Fax (425) 226-6114 Installs Windows</p>	<p>Albrecht Glass (0167) 501 Yakima Valley Hwy Sunnyside, WA 98944 (509) 837-2597 Fax (509)839-2060 Installs Windows</p>	<p>Columbia River Vinyl, Inc. (0953) 10637 NE Coxley Dr. #206 Vancouver, WA 98662 (503) 848-7832 Fax (503) 848-0768 Installs Windows</p>
<p>Gorge Glass & Contracting Inc. (1728) 601 E 2nd St. The Dalles, OR 97058 (541) 296-2074 or (541) 387-3110 Fax (541) 296-2087 Installs Windows and Insulation</p>	<p>Gorge Views (1729) 914 Court St. The Dalles, OR 97058 (541) 380-1410 Ffax (480) 247-5981 Installs Windows</p>	<p>Home Depot (2010) 3600 W 6th St The Dalles, OR 97058 (541) 296-7006 Installs Windows</p>
<p>Washington Glass (4575) 740 E Broadway Goldendale, WA 98620 (509) 773-5500 Fax (509) 773-9199 Installs Windows</p>	<p>MC Enterprises (2450) 8 Ponderosa Way Lyle, WA 98635 (541) 980-3189 Installs Windows</p>	<p>Walter J Worrell Co. (6230) 4336 15 Mille Rd The Dalles, OR 97058 (541) 993-3250 Fax (541) 296-4110 Installs Windows</p>
<p>Bi State Siding & Window, Inc. 1310 Rd 36 Pasco, WA 99301 (800) 562-0812 Fax (509) 547-8941</p>	<p>Glenn Sheppard Construction Services Inc. 39065 Pioneer Blvd Suite 20 Sandy, OR 97055 Installs Windows, Doors (503) 668-7880 Fax (503) 668-8684 mike@glennsheppard.com www.glennsheppard.com</p>	

Duct Sealing Contractors

<p>Compton's Furnace Cleaning/Sealing (0998) 3526 Royal Crest Dr. The Dalles, OR 97058 (541) 296-5652 Duct Sealing PTCS-1245</p>	<p>A N A Air Duct Cleaning (0136) PO Box 74 Bickleton, WA 99322 (509) 250-0927 Duct Sealing PTCS-1754</p>
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Residential Conservation Customer Participation Agreement

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

Customer Name: _____ Date: _____

Mailing Address: _____

Account # _____ Telephone number: _____

1. I certify that I am the legal owner of the residence located at:

2. I hereby request Klickitat PUD to financially assist in the conservation measures for this residence.

3. I understand that:

a) I, or the person authorized below, must be present at the time inspections are conducted. _____ is authorized to represent me and will be present during the inspection of my home.
This person is, is not, an authorized to sign the necessary paperwork.

b) The PUD will provide me with a list of approved installers.

- Self install is allowed.

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

d) All materials and installation must comply with current KPUD/BPA conservation specifications in order to be eligible for funding through this program.

e) Any structural defects in this residence (e.g. dry rot, roof leaks, water pipe leaks, etc.) must be repaired prior to the installation of any PUD approved measures, and paid by the customer.

f) I must secure bids, and work must commence within ninety (90) days in order to receive PUD funds.

g) If I perform any of the work myself, none of my labor charges can be added to cost.

h) The PUD shall not be liable for the tortious acts or omissions of the installers or other independent contractors.

- i) Installers, participating in the program shall not be considered officers, agents or employees of BPA or PUD.
- j) Funding for conservation measures is available only for homes that have electric as its primary heat. Heat pump measures are available for heat pump upgrades and conversions from any other source of electric heat only. Converting from another fuel source (e.g. natural gas, propane, wood, etc.) is not allowed.
- k) These measures shall not be installed unless the home is in the Klickitat PUD service territory and is either site built or a permanently installed mobile or manufactured home. (Homes and mobile/manufactured homes may be classified as permanent when the following conditions are met: The dwelling has been permitted for occupancy and if it is a mobile/manufactured home, it was manufactured to HUD standards).

* Klickitat PUD will pay the lesser of the deemed savings and may change rebate prices without notice. Please check with your Energy Services Specialist for rebate prices, which are pending on an approved inspection

4. I certify that:

- a) I have received and read the privacy act notice of the PUD, and will comply with the conditions therein.
- b) I have received and read the paperwork describing the measures and maximum funding amounts available under this program.
- c) Electric heat is my primary heat and is installed at the address listed under number one (1) above.

Customer Signature _____

Date _____

Supplemental Information

RESIDENCE INFORMATION:

Put year home built, in box that applies:

Site Built	Mobile Home Permanently Installed	Multifamily Unit – 4 or less (on Insulation call for rebate prices)	
			Occupied Year Round
			Occupied Seasonally
			Rental
			Number of Units

HEATING INFORMATION:

Electric Heat - Primary Yes No
 Existing Electric system: Baseboard___ Furnace___ Heat pump___
 Radiant___ Other_____

Notice

Privacy Act

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

Privacy Act Notice:

Your interest in our conservation program is appreciated. We hope that you will decide to participate in these energy savings activities. If you do, it is necessary for you to provide some information to us, which will enable us to run this program successfully.

The information to be collected includes the names and addresses of customers participating in the program technical data about energy use and efficiency. We need this information to determine whether you are eligible for the program. Beyond this, the information collected will be used to evaluate and audit the conservation program.

Upon BPA's request, we will provide them with this information. BPA may also wish to make certain site visits to evaluate the installations and the performance of the program.

This and the data listed above will then be used to assist us in developing new programs and in assessing energy savings obtained by existing programs in the region. This information will be retained for three years. It may be released to the public, but only in anonymous statistical form.

1. Application

Enclosed you will find general information on the measures and rebates available, along with all the applicable paperwork needed to submit for any rebate.

Please note that with the exception of the clothes washer rebate, the rebates are only eligible for existing structures, not new construction and the residence must have electric heat (furnace, baseboard, wall, etc.) as its primary source. There can be some other back-up source of heat.

2. Participation

Along with the forms you will find a list of approved installers. Sign and return the Participation Agreement. Get two or more bids if possible, (suggestion, not requirement) from contractors included in the list. If you or the contractor are not sure your home qualifies for the rebate, call the Energy Services Department for instructions. You if want to use a contractor not included on the list, have the contractor contact the PUD to get approved. A homeowner may install their own windows or insulation, however only materials, not labor, are eligible costs.

3. Installation

Once you choose your installer, they should enter into a contract with you for the work proposed. (Not required) **Note: Heat pump proposals have to be approved by the PUD prior to installation.**

When the work is completed, submit the enclosed Rebate Coupon/Installer's Warranty Certification, and a copy of the original receipt/invoice. For window installation, leave the stickers on the windows until the PUD inspects them.

*With the installation of all heat pumps, duct sealing will be necessary for rebate. All heat pump and duct sealing must meet Performance Tested Comfort Systems (PTCS) standards air testing before rebate can be issued.

If loose-fill insulation was installed, the Insulation Certificate must also be submitted.

Final payment and amounts will be subject to compliance with the program as determined by a final inspection by the PUD.

4. Inspection

When the completed paperwork has been submitted, an inspection will be scheduled to verify installation. The homeowner or their representative must be present at the inspection. If a heat pump was installed, in certain cases, the contractor also needs to be present for the inspection.

5. Payment

When the work has been approved, the PUD will issue a check to the customer or installer, as selected by the homeowner on the coupon. Please allow 3 weeks for processing of payment.

6. Questions?

If you have any questions about this program contact *Sharon Ohnstad* at 509-773-7622 or 1-800-548-8357. I will be glad to assist you.

We have a loan program for 4.9% fixed APR for installing any measure that qualifies for a rebate. If you are interested, let me know and I will send that packet, as the process is different.

February 1, 2007

Klickitat Residential PUD Customer

RE: Residential Conservation Program Information and Forms

Attached is the general information on the residential conservation program. Please fill out the application/Participation Agreement and send back to me at the Goldendale office.

Please note that with the exception of the clothes washer rebate, these measures are only eligible for existing structures, not new construction. Also, the primary source of heat in your home must be electric.

Any of the weatherization measures can be self-installed, however if you want to use a contractor you must use one from our "Authorized" list. If you are self-installing, submit an invoice for materials only. See bullets below for the basic specifications on the measures available. These are not the complete specifications, contact me for a copy.

- ◆ **Insulation** self-install: Contact me before the job is started so I can do a pre-insulation check. This is to verify what, if any, insulation is already in the residence. If the project is a blow-in, call for an in-progress inspection. All insulation jobs need a vapor barrier installed on the conditioned side of the cavity. Most batt type insulation comes with this on one side of the batt. Floor insulation jobs must also have either an existing ground cover of 4-mil polyethylene or 6-mil new polyethylene that completely covers dirt. All exposed uninsulated ducts located in the crawlspace shall be insulated to R-11 if flex or R-19 if rigid. If project is an attic or includes the attic, contact me for ventilation requirements. Call for an inspection when the job is complete.
- ◆ **Window** self-install: Buy windows that have a U-factor of .30 or less. Patio sliding glass doors or French doors shall have a U-factor rating or .35 or less. Completely install and finish the windows and call for an inspection. Leave the tags on so I can verify the U-Factor of the glass, and have at least one old window there for verification of what type window came out. Follow building code as to appropriate location of safety glass and building code on patio doors. If you are replacing bedroom windows in mobile homes, there is an issue with egress code. Call me for more information.
- ◆ **Heat Pump** Klickitat PUD is not able to offer rebates on self installs. Heat pumps and duct sealing must pass a Performance Tested Comfort Systems - PTCS air flow test from an approved PTCS certified installer. Contractors certify that jobs are approved, and provides the utility a certificate and test results.

When inspection passes, the rebate will be processed and payment made on the next available Commissioner's meeting.

If you wish to use the PUD's low interest loan program for your weatherization project, contact me for forms and information, as the process is different from that listed above.

If I can be of further assistance, please contact me at the number listed below or sohnstad@klickpud.com.

Sharon Ohnstad
Energy Services Specialist
(509) 773-7622

K. ALL HOMES - PRIME WINDOW, SLIDING GLASS DOOR, AND FRENCH DOOR REPLACEMENTS

1. General Program and General Material Specifications (sections A and B) shall be followed, in addition to the following Section K.
2. Eligible measures include:
 - a. replacement of prime windows with NFRC certified products;
 - b. replacement of patio doors (French or Sliding) with NFRC certified products.
3. The weighted average of all windows installed shall have a National Fenestration Rating Council (NFRC) rated u-value of 0.30 or lower. All patio doors shall have a NFRC rated u-value of 0.35 or lower.
4. Window and door frames shall be permanently affixed to the Residence. After installation, access to latches shall not be impaired. Upon installation completion, units shall operate smoothly and properly. Hardware shall be durable, function properly, and not create interference. When closed, the entire assembly shall provide a complete weather-barrier to the entire opening. All materials shall have sufficient strength and durability to resist damage or distortion from wind loads, thermal stress (including that due to solar gain), or induced installation stresses. All operable windows shall be of sufficient combinations of glass/slider- frame rigidity to prevent bowing after installation.
5. Any installation that results in increased window area, including garden windows, shall not be allowed under this Program.
6. No windows shall have exposed burrs, sharp corners or other potential hazardous condition that could be encountered by occupants during normal use.
7. Sources of evident water penetration through prime openings shall be located and corrected. Necessary repairs shall be accomplished by the Homeowner or Homeowner Designee prior to installation of storm windows.
8. Safety glass shall be used under the following conditions:
 - a. Glazing in entrance doors;
 - b. glazing in fixed and sliding panels of sliding doors and panels in swinging doors other than wardrobe doors;
 - c. glazing in fixed or operable panels adjacent to a door where the nearest exposed edge of the glazing is within a 24-inch arc of the vertical edge of the door in a closed position and where the bottom edge of the glazing is less than 60-inches above the floor or walking surface unless there is an intervening wall or permanent barrier between the door and the glazing;
 - d. glazing in an individual fixed or operable panel other than those covered by L.8.c. above that meet ALL of the following conditions:
 1. have an exposed area of an individual pane greater than 9 square feet;
 2. has an exposed bottom edge less than 18 inches above the floor;
 3. has an exposed top edge greater than 36 inches above the floor; and,
 4. has one or more walking surfaces within 36 inches horizontally of the plane of the glazing.

In lieu of safety glazing, such glazed panels may have a protective bar installed on the accessible sides of the glazing 34 to 38 inches above the floor. The bar shall be capable of withstanding a horizontal load of 50 pounds per linear foot without contacting the glass and be a minimum of 1 1/2 inches in height.

- e. Glazing in any portion of a building wall enclosing showers, hot tubs, whirlpools, saunas, steam rooms, and bathtubs where the bottom exposed edge is less than 5 feet above a standing surface or drain inlet.
9. Each pane of safety glass lite shall be marked with the name of the manufacturer and place of manufacture, and shall certify compliance with all applicable standards for the manufacture and testing of safety glass (e.g., CPSC Class 2).
 10. Retrofitted vertically-opening prime windows shall not free fall. They shall be designed to hold the sash secure and level in ventilating positions
 11. Security latches are required on all prime window replacements.
 12. Sealed insulating glass panels within prime windows and doors shall incorporate sealed, insulating glass, certified as "Class A" under a SIGMA-approved Program, which requires compliance with ASTM E 774. Manufacturer identification of certified panels shall be stamped, engraved, or inked on the spacer which separates the panes of glass, etched on the glass itself, or printed on a label located between the panes of glass and affixed to the glass. Such identification indicates the certifying agency (e.g., ALI or IGCC) and the performance class or classes of the unit.
 13. A mechanical ventilation system meeting the requirements of section P. "Manufactured Home -- Mechanical Ventilation" shall be installed in all manufactured homes.

Loose Fill Insulation Certificate

Klickitat PUD CRC Program

Name of Homeowner: _____

Address of Residence Insulated: _____

Date Installed: _____ Area Insulated: _____ sq. ft.

Type of Insulation Added: _____ Brand: _____

Existing R-value: _____ Final R-value: _____ Depth Installed: _____

Name of Installer: _____

Address of Installer: _____

Signature of Installer: _____

Copy of this certificate and of settled density coverage chart must be attached to attic structure near access. Additional copies must be provided to Klickitat PUD for the Customer file; to the Homeowner; and for the Installer's file.

Loose Fill Insulation Certificate

Klickitat PUD CRC Program

Name of Homeowner: _____

Address of Residence Insulated: _____

Date Installed: _____ Area Insulated: _____ sq. ft.

Type of Insulation Added: _____ Brand: _____

Existing R-value: _____ Final R-value: _____ Depth Installed: _____

Name of Installer: _____

Address of Installer: _____

Signature of Installer: _____

Copy of this certificate and of settled density coverage chart must be attached to attic structure near access. Additional copies must be provided to Klickitat PUD for the Customer file; to the Homeowner; and for the Installer's file.

Residential Weatherization Rebate Coupon

Klickitat PUD
1313 S. Columbus Ave.
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(509) 773-7622 or (800) 548-8357

Owner(s) Name: _____ Service Address: _____

Mailing Address: (for rebate check) _____

Ceiling

Area 1 _____ sq. ft. from R-_____ to R-38 Area 2 _____ sq. ft. from R-_____ to R-38

Area 3 _____ sq. ft. from R-_____ to R-38 Area 4 _____ sq. ft. from R-_____ to R-38

Vents: Total required _____ sq. ft. NFA Add _____ sq. ft. NFA

(Separate areas must be ventilated individually) ***Rebate is per sq ft. depending on type of home.**

***Insulated to a minimum of R-38 / Loose fill shall have a UL label and R Number 16 CFR**

Floor

Area 1 _____ sq. ft. from R-_____ to R-_____ Area 2 _____ sq. ft. from R-_____ to R-_____

Area 3 _____ sq. ft. from R-_____ to R-_____ Area 4 _____ sq. ft. from R-_____ to R-_____

Water Pipe insulation: _____ linear ft. to R-3.

Flex Duct: _____ ft. to R-8

New Ground Cover: _____ sq. ft.

Vapor Barrier: _____ sq. ft.

Vents: Total required _____ sq. ft. NFA Add _____ sq. ft. NFA

(Separate areas must be ventilated individually)

***Under floors shall be insulated to minimum of either R-30 or to the level needed to fill the joist cavities. *Craw Spaces shall be insulated to at least R-19**

Under floor insulation includes installation of a ground cover of 6 mil thickness, unless a 4 mil or more ground cover is present that substantially covers the ground. If no vapor barrier is present next to floor surface this also needs to be installed. ***Rebate is per sq ft. depending on type of home.**

Walls

Area 1 _____ sq. ft. from R-_____ to R-_____ Area 2 _____ sq. ft. from R-_____ to R-_____

Area 3 _____ sq. ft. from R-_____ to R-_____ Area 4 _____ sq. ft. from R-_____ to R-_____

Vapor barrier to conditioned space side. ***Rebate is per sq ft. depending on type of home.**

No rebate for Manufactured homes on this measure.

Wall shall be insulated to minimum R-11 or highest R-value that is practical.

Window & Doors

From existing windows/patio door Single pane Dual pane in non-wood or vinyl frame to:

_____ sq. ft. of glazed area in ENERGY STAR® labeled windows. How many replaced: _____

_____ sq. ft. of glazed area in ENERGY STAR labeled patio door. How many replaced: _____

Any window or patio door (French or Sliding) that is single pane or dual-glazed in non-wood or vinyl frame is eligible to be replaced under this program with a minimum U-factor of 0.35

Any installation that results in increased window area shall not be allowed under this Program. All replacement prime windows shall be NFRC labeled and certified and meet the ENERGY STAR requirement with maximum U-factor of 0.30.

Incentive payment is to be paid to: Contractor _____ Owner _____ (Initial one option)

PUD OFFICE USE ONLY	Amount of Rebate: _____	G.L. No. <u>908.93 11-61-57</u>
PUD Account Number: _____	Rebate Payable to: _____	
Payee Mailing Address: _____		
_____	_____	<input type="checkbox"/> Inspected/verified
Utility Representative	Date	

Installer's Warranty Certification

- The installer warrants that all labor, materials and workmanship are **GUARANTEED** for **TWO(2) YEARS** for insulation or windows installations.
- Except that sealed insulated glass units are **GUARANTEED** against failure of the seal for a period of at least **FIVE (5) YEARS**.

I certify that the above referenced work was installed at this service address, and conforms to requirements of the program. If blown-in insulation was used I certify that a copy of the Insulation Certificate was attached to attic structure near access.

Installer Company Name: _____

Authorized Signature: _____ Date: _____

I hereby acknowledge that I have read and understand the installer guarantees as outlined above, and that the equipment was installed to my satisfaction.

_____ Date: _____
Customer Authorized Signature

NOTE: For payment to be authorized, this form must be completed and submitted with the invoice and a copy of the insulatin certificate, if applicable.