

## **Klickitat PUD Commercial Shell, Refrigeration, Food Service Equipment and Additional Measures Energy Efficiency Program Participation Requirements and Instructions**

Thank you for your interest in our Commercial 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.

The Commercial Sector includes service-providing facilities and equipment of businesses; federal, state, and local governments; and other private and public organizations. The Commercial Sector is generally defined as non-manufacturing business establishments, including hotels, motels, restaurants, wholesale businesses, retail stores, health, social and educational institutions.

### **PROGRAM REQUIREMENTS**

All Commercial Shell, Refrigeration, Food Service Equipment and Additional measures must be installed according to KPUD, BPA, and manufacturer standards & specifications and are subject to inspection for the approval process. They must also be installed by an approved professional contractor. 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 CONTRACTORS:** Please contact KPUD's Energy Services to obtain specifications and requirements as each measure may require special forms and procedures to be followed. All contractors must be licensed and bonded in the state of Washington and are responsible for following all local codes and laws and responsible for passing KPUD/BPA approval criteria.

#### **Commercial Insulation (Attics, Roof & Walls):**

**Qualifying Business:** Are available for **retrofits only** and must be pre-qualified by KPUD with an on-site evaluation prior to start of project.

**Existing Building Requirements:** To be eligible, businesses must have:

1. The existing heat source must be electric (gas is not eligible).
2. The existing insulation value must be R-5 or lower.
3. Installation of insulation in floor or under building crawl space is not eligible.

#### **Qualifying Specifications:**

1. Attic insulation is defined as insulation which is installed in the attic crawl space, typically on a horizontal surface.
2. Roof insulation is defined by insulation which is installed in direct contact with the building's roof, typically a flat or slightly pitched surface.

**Installation Requirements:** New installations must meet these minimum general requirements, but not limited to:

1. All materials must be installed according to the manufacturer's instructions.
2. All materials must resist environmental degradation according to how they're used and their exposure to environmental factors.
  - Materials used in weatherization must resist corrosion if exposed to corrosive materials.
  - Materials used in weatherization must resist mold and rot if exposed to ground moisture or a foundation.
  - Materials used in weatherization must resist degradation from ultraviolet light if exposed to ultraviolet light.

- Materials used in weatherization must be compatible with other elements and materials for the sake of durability (for example: won't react chemically).
3. Structural members and building components must be free of decay and must be structurally sound before weatherization measures are installed in their vicinity.
  4. Contractors must warrant all weatherization materials, products, and labor against failure due to manufacturing and installation defects for a period of at least 1 year from the installation date.
  5. Insulation materials must comply with fire-barrier requirements in local building codes, according to whether insulation is installed in an occupied area of the home or in an intermediate zone, such as an attic or crawlspace.

**Required Documentation:**

1. KPUD Non-Residential Project Rebate Application.
2. Detailed Invoice showing installed costs including labor, equipment information and date of installation.

**Commercial Windows:**

**Qualifying Business:** Are available for **retrofits only** and must be pre-qualified by KPUD with an on-site evaluation prior to start of project.

**Existing Heating System Requirements & pre-condition Requirements:** To be eligible, businesses must have the following characteristics:

1. The existing heat source must be electric (gas is not eligible).
2. The pre-existing windows are single-pane, single-pane with storms, or double pane metal frame.

**Qualifying Specifications:**

The replacement windows must have a National Fenestration Rating Council rated U-value of 0.30 or lower.

**Required Documentation:**

1. KPUD Non-Residential Project Rebate Application.
2. Detailed Invoice showing installed costs including labor, equipment information and date of installation.
3. NFR stickers from identified as to which window it is from or other KPUD approved supporting documentation

**Consumer Grade Heat Pump Water Heaters in Commercial Applications:**

**Qualifying Business:** Are available for **retrofits only**.

This measure is not intended for high-use applications such as commercial laundry or commercial dishwashing.

**Pre-condition Requirements:**

- The existing water heater must be electric resistance.

**Post-condition Specifications:**

1. Must be listed on the Heat Pump Water Heater Qualified Products list (ask for current list).
2. New installations must be installed according to the manufacturer's instructions.
3. Must be professionally installed.

**Required Documentation:**

1. KPUD Non-Residential Project Rebate Application.
2. Detailed Invoice showing installed costs including labor, equipment information (manufacturer/model) and date of installation.

### **Commercial Grade Heat Pump Water Heaters:**

This measure applies to units classified by federal regulations as unitary, commercial water heaters.

**Qualifying Business:** Are available for retrofits and new construction, except all non R1 and R2 commercial buildings in Washington state with a combined water heating input rate of 1 million Btu/h or greater.

#### **Post-condition Specifications:**

- Be ENERGY STAR certified as per requirements in the Commercial Water Heaters Version 2.0 or later;
- Have an integrated tank;
- Be installed indoors in a conditioned or buffered space; and
- Be professionally installed.

#### **Required Documentation:**

1. KPUD Non-Residential Project Rebate Application.
2. Detailed Invoice showing installed costs including labor, equipment information (manufacturer/model) and date of installation.

**Additional Commercial Rebate Offerings:** Contact our Energy Services Department for complete details.

#### **1. Commercial Refrigeration:**

- a. Anti-Sweat Heater (ASH) Controls
- b. Walk-in or Display Case Evaporator Fan Motor
- c. Strip Curtains for Walk-in Coolers and Freezers

#### **2. Commercial Kitchen and Food Service Equipment:**

- a. Heat Recovery Ventilation Equipment
- b. Refrigerated Display Case Door Retrofit

#### **3. Other Commercial Offerings:**

- a. Generator Block Heaters
- b. Vehicle Engine Block Heater Controls
- c. Variable Frequency Drive for Pumps
- d. Non-Residential Lighting
- e. Custom Projects (retrofits & new construction)

## **IMPLEMENTATION PROCESS**

Contact Klickitat PUD's Energy Services Specialist from KPUD at (509) 773-7622 to start the process.

1. Read the Program Participation Requirements and Instructions pages.
2. Complete Non-Residential Project Rebate Application.
3. Request any additional information needed.
4. Contact KPUD to request if an on-site pre-inspection is required.

## **BID ACCEPTANCE AND INSTALLATION PROCEDURE**

Customer is to secure bids from installer's. A list of participating Contractors is available through KPUD or at [www.comfortreadyhome.com](http://www.comfortreadyhome.com), or if one is not identified on either list. 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. When entering into the contact with your chosen installer, you may need to make them aware of the requirements as contractors are not considered agents of KPUD and we cannot guarantee they keep current with our program requirements.

## **INSPECTION AND COMPLETION PROCEDURE**

1. After the installation of all materials, contact KPUD to schedule an inspection.
2. We request that business owner and/or occupant is present for the inspection.
3. If corrections are needed, KPUD will notify the contractor and customer to clarify changes required comply with installation requirement .and another inspection will need to be scheduled.
4. 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 or as funds are available.
5. Required paperwork must be submitted for each measure:
  - a. Equipment/contractor invoice showing:

*Manufacturer	* Model numbers	
* Type, size, details	* Purchase date	* Costs
  - b. Measure specific required documentation

## **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.

As KPUD's rebate program is funded by federal funds, certain limitations must be applied. Unfortunately, if a business is not federally recognized as a legal operation by BPA, then the business will not qualify for rebates.

All measures are subject to being removed without notice.

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### 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.

Business Type	Insulation Measure	Pre-Existing Requirement	Minimum Installed Requirement	Rebate Value
Commercial Insulation	Attic/Roof	≤ R-5	R-19	\$1.25 per sq.′
	Attic/Roof	≤ R-5	R-30	\$1.50 per sq.′
	Attic/Roof	≤ R-5	R-49	\$2.00 per sq.′
	Wall	≤ R-5	R-11	\$0.75 per sq.′
	Wall	≤ R-5	R-19	\$1.00 per sq.′

Measure	Description	Rebate Value
Commercial Windows	Must be installed to a u-value of .30 or less and measured from inside glass surface	\$12 per sq.′ of existing window space
Consumer Grade Heat Pump Water Heater	Unitary Heat Pump Water Heater Tier 3-Any size tank	\$800
	Unitary Heat Pump Water Heater Tier 4-Any size tank	\$900
	Split-System Heat Pump Water Heater-Any size tank	\$1,100
Commercial Grade Unitary Heat Pump Water Heater	Approved Commercial Grade Products	\$2,000

**\*All requirements, specifications and rebate values are subject to change and subject to availability of funds\***

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