

# Home Weatherization

## Program & Rebate Information

MAKE YOUR HOME MORE ENERGY EFFICIENT

A properly weatherized home is comfortable to live in and energy efficient. If your home has old, drafty windows, too little insulation or leaky ductwork, making efficiency improvements can increase its value, reduce your electric use and reduce temperature swings.



Our Home Weatherization Program provides expert help and financial incentives for home energy efficiency improvements. This guide will give you the information you need to start your own weatherization project.

### Eligible Customers

To qualify for the Home Weatherization Program, we must be your electric service provider and your home's primary heat source must be a type of permanently installed electric heat, such as an electric furnace, wall heaters, heat pump, ceiling cable or baseboard heat. The structure may be an existing site-built dwelling, manufactured home, mobile home or floating home. It may be owner-occupied or used as a rental. *Low-income qualified owners or renters may be eligible for additional financial assistance.*

### Start With A Home Energy Use Analysis

The first step in your weatherization project should be to schedule a free home energy use analysis with one of our Energy Experts. During this 60-90 minute evaluation, we'll inspect your home to determine where your biggest energy-saving opportunities lie. After the evaluation, you'll receive a report that details the recommended improvements and the rebates those improvements may qualify for. To set up your evaluation, call (503) 366-5470 or email [experts@crpud.org](mailto:experts@crpud.org).

### Increased Tax Credits for Efficiency Upgrades

For a limited time, there are increased federal tax credits available for qualified home improvements, including replacement windows and doors, increased insulation and upgraded heating & cooling systems. Improvements that are placed into service from January 1, 2009 through December 31, 2010, may be eligible for up to \$1,500 in federal tax credits. For more information, visit <http://www.energystar.gov/taxcredits>

#### Columbia River PUD Energy Experts

PO Box 1193  
St. Helens, OR 97051

64001 Col. River Hwy  
Deer Island, OR 97054  
(503) 366-5470 phone  
(503) 397-5215 fax  
[www.crpud.net](http://www.crpud.net)  
[experts@crpud.org](mailto:experts@crpud.org)

**COLUMBIA RIVER  
PUD**  
A COMMUNITY-OWNED UTILITY

## Eligible Measures

All measures must result in at least a 20% increase in thermal efficiency.

### Insulation Measures:

Attic and ceiling  
Under floor  
Exterior Wall Cavities  
Unfinished Walls - 4 inch framing  
Unfinished Walls - 6 inch framing  
Slab edge

### Requirements:

R-38 or greater  
Fill the joist space  
R-11 or the highest practical R-value  
R-15  
R-21  
R-10 down to 2 feet below grade

### Replacement Windows:

#### Entry Doors

Metal insulated with thermal break  
Fiberglass insulated with thermal break  
Weather stripping

### Requirements:

U Value of 0.30 or less

### Requirements:

U value of 0.20 or less  
U value of 0.20 or less  
All sides, including thresh hold

### Furnace Ducts (Repair or Replacement)

Insulate by replacement  
Insulation retrofit

### Requirements:

R-8 flex or R-11 metal duct  
R-8 flex or R-11 metal duct

## Other Recommended Measures

### Air Sealing Measures:

Sealing around window and door frames, and around plumbing and wiring penetrations in the ceiling, walls and floors can reduce air leakage. We don't provide a rebate for this measure, but we do recommend that you seal leaks that are discovered during your home energy analysis.

### Furnace Ducts:

Having your duct system tested, sealed and certified by a PTCS Certified Technician can reduce air leaks, lower energy bills and improve indoor air quality. We offer a \$400 rebate for PTCS duct sealing. Ask our Energy Experts for details.

## Rebate Amounts

Rebate amounts cannot exceed 50% of the total project cost.

### Upgrade insulation in walls, floors and attics/ceilings -

The rebate amount is calculated using the increase in the "R-Value" and the square footage of the area to be insulated. For example, if a home's attic is 1,500 square feet and insulation is added to increase the R-Value from R-11 to R-38:

Attic Square Footage	1,500
Increase in R- Value from R-11 to R38	x 27
	<hr/>
	40,500
Multiplied by 3¢	x 0.03
Rebate amount	<hr/>
	\$1,215.00

The rebate amount for insulation upgrades varies as shown below:

Walls - 10¢ per sq ft per R-value increase

Attics - 3¢ per sq ft per R-value increase

Floors - 3¢ per sq ft per R-value increase

### Insulate slab edge -

\$5 per linear foot

### Insulate furnace ducts -

50% of the project cost up to \$200

### Replacement windows -

\$6.00 per square foot of window area being replaced

### Doors -

\$75 on the purchase of qualified new replacement doors

\$25 for weatherstripping around existing doors

*New ENERGY STAR labeled windows are twice as efficient as the average windows manufactured just 10 years ago. They help cut heating and cooling costs and can make your home more comfortable without compromising cost, comfort, versatility or style.*



# Step-By-Step Work Flow

1. Request a free home energy analysis from our Energy Experts. *To qualify for a rebate, we must complete this analysis before any measures are installed.*
2. We will schedule an appointment for the energy analysis, inspect your home and identify energy-saving opportunities. You must be present for this analysis. Please allow 30-60 minutes for a thorough inspection.
3. We will provide a list of recommended weatherization improvements that could be made to your home and the estimated incentives that could result.
4. If this will be a “Do-It-Yourself”\* project, you should now assemble costs for materials. Otherwise, you will need to request bids from weatherization installers for the recommended weatherization opportunities\*. We advise that you obtain two or three bids if possible.
5. Submit your list of planned improvements to us for approval, with prices listed.
6. Once the project is approved, you may authorize the weatherization installer to do the job or complete the work yourself.
7. Notify us when the work has been completed and provide a copy of your statement/invoice identifying the completed work or receipts showing your materials costs, if it is a “Do-it-Yourself” job.
8. We will perform a final quality assurance inspection.
9. Upon completion of a satisfactory final inspection, we will provide rebate funds to you. Rebates under \$150 will be applied as a credit to the your electric account. For rebates of \$150 or greater, you may choose to either apply the amount to your electric account or receive a check.



**\* If work is completed by an unlicensed contractor, the job will be considered “Do It Yourself” and PUD rebates will apply to materials costs only.**

# Area Weatherization Installers

This is a list of weatherization installers who work in our service area. This list is provided as a courtesy only and is not an endorsement of these companies. You are not required to use one of these companies in order to qualify for incentives through our weatherization program.

- All Weather Remodel, Inc** - Portland, OR  
CCB# 25745 • (503) 284-9306
- American Window Co** - Scappoose, OR  
CCB# 178290 • (503) 543-3889
- American Windows & Doors** - Woodland, WA  
CCB# 143383 • (360) 225-9997
- Bishop & Sons** - Warrenton, OR  
CCB# 154121 • (503) 470-0153
- Bradley McKay General** - Clatskanie, OR  
CCB# 84292 • (503) 728-2965
- David Johnson (KK Insulation)** - St. Helens, OR  
CCB# 42656 • (503) 366-9335
- Ekstrom Construction** - Scappoose, OR  
CCB# 56225 • (503) 998-9270
- Energy Comfort & Construction** - Clackamas, OR  
CCB# 160327 • (503) 475-4384
- Glenn Sheppard Construction** - Sandy, OR  
CCB# 146182 • (503) 668-7880
- Home Visions West** - Hillsboro, OR  
CCB# 51964 • (503) 640-1700
- JB Insulation** - Sherwood, OR  
CCB# 127440 • (503) 625-9700
- Mark's Custom Exteriors** - St. Helens, OR  
CCB# 96794 • (503) 397-2215
- Oregon Green Solutions** - Portland, OR  
CCB#179685 • (503) 766-3684
- Oregon Insulation & Remodeling** - Columbia City, OR  
CCB# 188993 • (503) 232-7292
- Rister Insulation** - Castle Rock, WA  
CCB# 170839 • (800) 984-5361
- Twin City Glass** - Longview, WA  
CCB# 55675 • (503) 556-2515
- West Coast Vinyl** - Tacoma, WA  
CCB# 127957 • (503) 254-2000
- Willemse Glass** - Scappoose, OR  
CCB# 161250 • (503) 543-6357
- WWS Builders** - St. Helens, OR  
CCB# 102768 • (503) 397-1314

In	Wn	Dr	AS	DS
X	X	X		
	X			
	X	X		
X	X	X	X	X
	X	X		
X				
	X	X		
X	X	X	X	
X	X	X		
X	X	X	X	X
	X			
				X
X	X	X		
X	X	X		
	X			
	X			
	X			

In - Insulation

Wn - Windows

Dr - Doors

AS - Air Sealing

DS - Duct Sealing