



# Mission Valley Power

## Energy Efficient Window Credit 2022

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Account # \_\_\_\_\_ Location # \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone \_\_\_\_\_

\_\_\_\_\_  
City State Zip

Address where installed:

Address: \_\_\_\_\_ Phone \_\_\_\_\_

\_\_\_\_\_  
City State Zip

New Construction:  Yes  No Year Home Was Built \_\_\_\_\_

Main Type of Heat Source:  Electric  Propane  Wood/Pellet  Other

Secondary Type of Heat Source:  Electric  Propane  Wood/Pellet  Other

Existing Frame Type – Wood  Metal

Existing Window Glazing Type - Single  Double

Manufacturer: \_\_\_\_\_

Model Number: \_\_\_\_\_

Square Foot Glazing: \_\_\_\_\_ X \$3.00SF = \$ \_\_\_\_\_  
Amount Due

Include documentation with form and return to Mission Valley Power:

- Copy of Receipt of Purchase **with window sizes.**
- Copy of NFRC Sticker showing U-Factors

I certify that the windows were purchased for and installed at the above address. I will allow a representative of Mission Valley Power and/or Bonneville Power Administration to verify installation of the energy efficient windows.

\_\_\_\_\_  
Homeowner Signature

\_\_\_\_\_  
Utility Representative Signature

\* Allow up to 8 weeks for the billing credit to be applied to your account after receiving completed form and documentation.

## 10.12.2 Prime Window and Patio Door Replacement Basis for Energy Savings

The base case (pre-existing state) is a single pane window with any frame type, or a double-pane window with a metal frame. The efficient case for Prime Window replacement measures is the U-Factor for the efficient replacement window. Energy savings for Prime Window replacement measures are estimated using SEEM, an energy modeling software calibrated to real-world energy consumption using prototype homes representative of Northwest construction assuming all other weatherization measures have been installed in the home. "Average electric heat" measures are a weighted average of homes with an electric furnace, electric zonal, or Supporting Content.

### Weatherization Measure Changes Document Library

A heat pump based on the RBSA. Savings are reduced by the percentage of heat supplied by supplemental fuels for an average home.

BPA documentation requirements consider these factors. More detailed information is available on the RTF's UES web page at <http://rtf.nwcouncil.org/measures/Default.asp>.

### Requirements and Specifications

Pre-existing windows and patio doors must be (1) single pane with/without storms, any frame type (e.g., metal, wood, vinyl), or (2) double pane, metal frame only. The weighted average of replacement windows must have a National Fenestration Rating Council (NFRC) minimum U-value of 0.30 or 0.22 for windows; 0.35 or 0.30 for patio doors.

Window and patio door measures must be installed according to the 2014 BPA Residential Weatherization Specifications found in the [Document Library](#).

### Documentation Requirements

[eedocs@bpa.gov](mailto:eedocs@bpa.gov)

End-user identifying information including unique site ID and address X X  
Equipment/contractor invoice showing (a) measure requirements have been met (e.g., manufacturer, model number, type, size and quantity of equipment or product installed/used), (b) the order/purchase date and (c) cost

NFRC stickers or other verifications of U-value X  
Documentation (a) of number and square footage of windows or patio doors replaced (b) pre condition (frame type, ie. wood, metal, single/double pane) and (c) post condition U-value

Description of home (single-family, multifamily or manufactured) X  
A description of primary heating type (electric zonal, electric forced air furnace, air source heat pump, ground/water source heat pump, ductless heat pump)