

Oregon Department of Energy — Energy Loan Program

Home Weatherization Questionnaire

- 1) Is your project a home-heating project? _____
- 2) Was your home built before January 1, 1979? _____

If you answered NO on either question above, you do not need to complete this questionnaire.

If your home was built prior to January 1, 1979 have you had an energy audit and installed the auditor's recommendations? _____

If yes, enclose a copy of the audit and attach a note describing the weatherization you have installed. Then skip the rest of this questionnaire.

Homes built before January 1, 1979, proposing a space-heating project need to meet the weatherization standards below to receive a SELP loan. If your home does not meet those standards, you must:

- 1) Do the required weatherization before you get your SELP loan, or
- 2) Have an energy audit done by your utility and finance the required weatherization through them before you apply for your SELP loan, or
- 3) Include their cost in your loan request and do them as part of your energy project.

If you feel any required item would not be safe or cost effective if installed in your home, do not install it. Instead, attach a letter explaining why the items should not be installed.

What is your current energy source for home heating?

Electric: _____ Gas: _____ Oil: _____ Other: _____

What is your current type of heating system?

Baseboard: _____ Forced Air: _____ Other: _____

----- TYPICAL R-VALUES -----

R-Value	For Batts or Blankets			For Loose Fill	
	*Glass Fiber	+Rock Wool	Glass Fiber	Rock Wool	Cellulose Fiber
R-11	3.5 - "4"	3"	5"	4"	3"
R-19	3.5" - 6.5"	5.25"	8 - 9"	6 - 7"	5"
R-30	9.5 - 10.5"	9"	13 - 14"	10 - 11"	8"
R-38	12 - 13"	10.5"			

* Does not include backing which may be paper, aluminum foil, or plastic film.

+ No distinction now between rock & glass.

Required Standards:

For each item, circle Q for "qualifies as is" or N for "need to install":

Attic insulation: If now less than R-19 add insulation to equal or exceed R-38. If now or greater, may leave as isQ N

Floor insulation: If now R-11 or less add insulation to equal or exceed R-19. If no insulation, include a vapor barrier facing the living area and install R-19. If now greater than R-11, may leave as is..... Q N

Ground Cover: 6 mil polyethylene required in crawlspace..... Q N

Concrete Slab Floor: R-4 normally required to 2 feet below grade around perimeter. If none, install R-4..... Q N

Walls: If now no insulation injects or installs to equal or exceed R-11. Do not use urea formaldehyde foam. If now insulated, but below R-11, may leave as is Q N

Walls: Caulk or seal all holes or gaps in exterior. Install cover plate gaskets behind switches and outlets inside..... Q N

Windows: Double-glazing required. If single glazed, add tight fitting storm windows or replace with double or triple glazing Q N

Windows: Caulk or seal frames, weather-strip operable windows Q N

Doors: Non-insulated primary exterior door requires a tight fitting storm door or replace with an insulated door Q N

Doors: All doors to unheated areas require weather-stripping, threshold seals, and caulking or sealing of gaps or joints in frames..... Q N

Hot Water Tanks: All tanks should be set back to 120°F - 140°F. Those in unheated areas must have an R-11 or better insulation wrap..... Q N

Forced-air Ducts: Duct seams or cracks should be taped or caulked. R-11 normally required. If less, insulate to R-11 or better. Q N

Pipes: Where accessible, hot water pipes require R-3; steam or hydronic heating pipes require cold water pipes in unheated areas require R-3 Q N

Thermostat: Unless you conscientiously turn thermostat down at night and when home is unoccupied, an automatic set-back thermostat is required..... Q N

Oregon Department of Energy
Energy Loan Program
625 Marion St. NE
Salem, OR 97301-3737
(503) 373-1033 or (800) 221-8035
www.energy.state.or.us