

Weatherizing helps you save energy and improve your home safety and health. It includes sealing air leaks, caulking, weatherstripping, adding insulation, ventilation and moisture control, installing programmable thermostats, installing energy efficient entry doors and windows, and adding exterior building skirts among a variety of other energy saving improvements. It takes a whole house approach, but can be done one step at a time.

## The Home Energy Assessment

The first step is to obtain a home energy audit or rating. Doing an initial assessment yourself will help you understand the concepts and your home issues. It is a good precursor to hiring a professional auditor.

**LEARN MORE:** See how to do an assessment yourself and what a professional auditor will do with the aid of more sophisticated testing equipment at: <https://www.energy.gov/energysaver/home-energy-assessments>

## Weatherization Assistance

- The Alaska Housing Finance Corporation (AHFC) provides free weatherization services to low-income qualifying homeowners and renters through the Alaska Community Development Corporation.
- The federal Bipartisan Infrastructure Act provided new monies for Alaska weatherization through AHFC. AHFC is awaiting approval for administrative monies to design a program, receive federal approval and the monies.

**LEARN MORE:** <http://www.alaskacdc.org/weatherization-assistance-program.html>

## Federal Weatherization-Related Tax Credits

- The Inflation Reduction Act provides a “\$1,200 aggregate yearly tax credit cap for all building envelope components, home energy audits, and energy property.” Weatherization-related improvements aggregated under the yearly cap:
  - Electric panel or circuits: 30% of cost, up to \$600
  - Insulation materials: 30% of cost
  - Exterior doors: 30% of cost, up to \$500 (up to \$250 per door)
  - Windows (including skylights): 30% of cost, up to \$600
  - Home energy audit: 30% of cost, up to \$150
- The Inflation Reduction Act also provides separate tax credits not included in the \$1,200 cap for heat pumps, heat pump hot water heaters, and biomass stoves of 30% of cost, up to \$2,000 per year.

**LEARN MORE:** <https://www.energy.gov/policy/articles/making-our-homes-more-efficient-clean-energy-tax-credits-consumers>

## Federal Weatherization-Related Rebates

- The federal *High-Efficiency Electric Home Rebate Act* (HEEHRA) will provide point-of-sale rebates for low to moderate income families to purchase heat pumps, electric ranges, electrical upgrades, and weatherization.
- Households at or below 80% of an area median income will receive rebates of up to a total of \$14,000.
  - Rebates include up to \$1,600 for weatherization projects (insulation, air-sealing and ventilation)
  - Up to \$8,000 for heat pumps, \$4,000 for electrical panel upgrades, and \$2,500 for electrical wiring
  - Up to \$1,750 for a heat pump hot water heater, up to \$840 for a heat pump dryer, and up to \$840 for an electric stove/cooktop
- Households with incomes between 80% to 150% of the area median income will be eligible of up to half of the lower income rebate caps.
- The AHFC rebate programs are unlikely to be available until the end of 2024 or in 2025.

**LEARN MORE:** <https://www.energy.gov/scep/home-energy-rebate-programs-frequently-asked-questions> and <https://www.rewiringamerica.org/app/ira-calculator/information/high-efficiency-electric-home-rebate-heehra>