

AHFC's Role in Alaska Sustainable and Affordable Energy Planning

Jimmy Ord
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Introduction



MISSION

To provide Alaskans access to safe, quality, affordable housing.

Alaska Housing Finance Corporation (AHFC) is a self-supporting public corporation with offices in 16 communities statewide. AHFC provides statewide financing for multi-family complexes and single-family homes with loan options for low- to moderate-income borrowers, veterans, teachers, nurses, public safety officers and those living in rural areas. AHFC provides energy efficiency programs, low-income rental assistance, and programs for those who are homeless and those seeking to become financially self-sufficient.

Weatherization Assistance Program



Income qualified Alaskan's housing may receive energy efficiency and health and safety improvements

Services Providers and Housing Authorities provide services throughout Alaska

WX - Weatherization in road connected/marine highway areas average cost per unit is \$10,000

EWX - Enhanced Weatherization in rural/remote communities average cost per unit is \$20,000



Federal Energy Rebates



AHFC preparing to administer \$75 million in funding from the U.S. Department of Energy State and Community Energy Programs

- Home Energy Rebate
- Home Electrification and Appliance Rebate

Home Efficiency Rebate Program



Energy Savings	Rebate Amounts			
	Single Family	Single Family LMI	Multifamily	Multifamily LMI
20-35% modeled savings	Lesser of \$2,000 or 50% of project costs	Lesser of \$4,000 or 80% of project costs	\$2,000 per dwelling unit, maximum \$200,000 per building	Lesser of \$4,000 per dwelling unit or 80% of project costs
35% or more modeled savings	Lesser of \$4,000 or 50% of project costs	Lesser of \$8,000 or 80% of project costs	\$4,000 per dwelling unit, maximum \$400,000 per building	Lesser of \$8,000 per dwelling unit or 80% of project costs

- Reduction in home energy use incentivized with rebates for whole-home retrofits. Homeowners must begin with an energy assessment to identify options for a improvements and model savings.
- Low to Moderate Income (LMI) = 80% of Area Median Income as determined by HUD.

Home Electrification and Appliance Rebates



	Up to 80% AMI	81-150% AMI
Electric Load Service Center upgrades/Breaker Box	\$4,000	\$2,000
Electric Stove, Cooktop, Range and/or Oven	\$840	\$420
Electric Wiring	\$2,500	\$1,750
Heat Pump Clothes Dryers	\$840	\$420
Heat Pump Heating/Cooling	\$8,000	\$4,000
Heat Pump Water Heaters	\$1,750	\$875
Weatherization (Insulation, Air Sealing, Ventilation)	\$1,600	\$800

- \$14,000 maximum benefit per household.
- Households above 150% of AMI as determined by HUD are not eligible.
- Intended to be provided at the “Point-of-Sale”, amount to be deducted upfront.

Solar For All



- AEA/AHFC joint application submitted October 12, 2023
- Residential rooftop and multi-family focus
- Focus on disadvantaged communities and low-income Alaskans



\$25 million	Single-Family Residential rooftop solar to AHFC
\$12.5 million	Single-Family Residential rooftop solar from TCC
\$10 million	Multi-family rooftop solar
\$10 million	Training, Outreach & Administration
\$5 million	Financing opportunity

State-Based Home Energy Efficiency Contractor Training Grant



Funding Available to Alaska: \$1,296,870.00

Application Submitted: Jan 31, 2024

This funding can be used on programs that:

- Reduce the cost of training contractor employees;
- Provide access to workforce development tools for contractors including, but not limited to, testing and certification; and
- Partner with community organizations or non-profits to develop and implement an equitable state workforce program.



Framework for Responsive Code Development



Budget: \$1,500,000

Schedule: 3 Years

AHFC has been conditionally approved for a grant from the Department of Energy:

- Office of Energy Efficiency and Renewable Energy to create a framework for building code adoption for the State of Alaska.
- Negotiations of the grant are still underway and could be subject to change.



Energy Project Financing



Proposed legislation (SB 125/HB 154) empowers AHFC to establish a non-profit subsidiary (Green Bank) and work with AEA on crafting sustainable energy development programs.

Questions?



Jimmy Ord

Director of Research and Rural Development

jord@ahfc.us | 907-903-5887