

Alaska Weatherization Support Project Summary
Proposed by Rural Alaska Community Action Program, Inc., (RurAL CAP)
in response to
Department of Energy - Office of Energy Efficiency and Renewable Energy
FOA Number: DE-FOA-0002520

The Rural Alaska Community Action Program, Inc., (RurAL CAP), founded in 1965, is a private, statewide, nonprofit organization working to improve the quality of life for low-income Alaskans. Operating with a deep respect for all people, RurAL CAP's programs in housing, early childhood education, and health and well-being serve to alleviate the root causes of poverty. Programs and services support individuals and families across the state with the mission to empower low-income Alaskans through advocacy, education, affordable housing, and direct services that respect our unique values and cultures. As one of the most diverse nonprofits in the state, RurAL CAP is on the leading edge of delivering innovative, community-driven solutions in response to Alaska's most challenging needs while supporting vulnerable individuals and communities statewide.

RurAL CAP's Weatherization team has excelled in the implementation of energy-efficient technologies in homes across some of the most remote communities in Alaska since 1976. The team has weatherized more than 37,000 units with grant funding totaling over \$234 million.

Under the Single Family and Manufactured Housing topic area, RurAL CAP's Weatherization Team will bring homes in the primarily Alaska Native communities of Elim and Koyuk, Alaska off deferral/waitlists and into the weatherization pipeline. This project will provide client education opportunities, assess the needs of homes, perform whole home pressure diagnostics, develop an energy rating, calculate the Savings to Investment Ratio (SIR) of proposed improvements, perform improvement activities based on SIR, address any health and safety issues, install deep-energy retrofits, perform a quality control inspection of completed activities, and will develop a post improvement energy rating. In addition, minor home repairs may be made to allow weatherization activities to be done more effectively. The project will also invest in incorporating new methods of targeting services to high energy-burden households by exploring the effectiveness of air-to-air heat pumps and energy recovery ventilators. This will lend to the evaluation of the appropriateness and incorporation of the energy efficient technologies into the challenging northern climate region of Alaska. The proposed project will occur between September 2022 through August 2025 and will generate a total of six new local jobs and 45 completed projects.

The Technical Point of Contact for the Alaska Weatherization Support Project is RurAL CAP's Planning and Construction Director Curtis Ecklund and the Business Point of Contact is RurAL CAP's Chief Executive Officer Tiel Smith.