

PMC-ND

(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY  
NEPA DETERMINATION**

**RECIPIENT:** Pribilof Islands Aleut Community of St. Paul**STATE:** AK

**PROJECT TITLE:** Aleut Community Store Deep Energy Retrofit

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0001847	DE-IE0000106	GFO-0000106-001	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

Description:

**A9 Information gathering, analysis, and dissemination** Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

**B5.1 Actions to conserve energy or water** (a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to the Pribilof Islands Aleut Community of St. Paul (Pribilof) to remove and dispose of an R22 central refrigeration system currently installed at the Aleut Community Store on St. Paul Island, AK, and replace it with a new energy efficient system. A secondary heat recovery unit would also be installed in order to supplement building heat. Energy impacts/outcomes would be monitored by an energy auditor for one (1) year after installation.

Proposed project activities include the procurement of equipment and a qualified contractor, installation of the new

equipment, removal and disposal of previous equipment, system configuration and testing, and ongoing measurement and analysis (e.g. post-install consumption) over a 12 month period after installation. Work activities would be performed by Pribilof and a qualified contractor selected through a competitive bidding process. The measurement and analysis to be completed after installation of the system would be performed by Energy Audits of Alaska (Anchorage, AK).

All project activities would be carried out on-site at the Aleut Community Store on St. Paul Island, AK. Portions of St. Paul Village lie within a National Register of Historic Places (NRHP) designated historic district (Seal Island Historic District - Ref. #66000156). The Aleut Community Store is located in close proximity to a number of buildings that are listed as contributing structures to the historic district. However, the Aleut Community Store itself is a non-contributing structure. Because all of the project activities would be carried out indoors and would not impact the exterior of the project site building there would be no potential to cause effects to the NRHP listed historic district.

Potential health and safety risks associated with the project activities include the handling of high pressure components, flammable materials and electrical hazards. These risks would be mitigated through the use of proper protective equipment, monitoring and inspections, and adherence to industry-standard health and safety measures. Asbestos is known to be present within the project site building. Areas in which asbestos is present have been encapsulated and are known to the project team. These areas would all be avoided by the project team. All project activities would adhere to relevant local, State and Federal health, safety, and environmental regulations.

Recovered R22 refrigerant and oil would be shipped back to the supplier for EPA-approved disposal. Transportation of refrigerant requires hazardous materials documentation. Pribilof would ensure that all required permitting for the disposal of refrigerant, and all other equipment, is obtained prior to disposal of these items. Non-hazardous waste not shipped off island would be hauled to and disposed of at the local landfill. The St. Paul Ataqan landfill is permitted for the disposal of construction and demolition wastes with the State of Alaska (Permit No. SW3A044-19).

Based on the review of the proposal, DOE has determined the proposal fits within the class of action(s) and the integral elements of Appendix B to Subpart D of 10 CFR 1021 outlined in the DOE categorical exclusion(s) selected above. DOE has also determined that: (1) there are no extraordinary circumstances (as defined by 10 CFR 1021.410(2)) related to the proposal that may affect the significance of the environmental effects of the proposal; (2) the proposal has not been segmented to meet the definition of a categorical exclusion; and (3) the proposal is not connected to other actions with potentially significant impacts, related to other proposals with cumulatively significant actions, or an improper interim action. This proposal is categorically excluded from further NEPA review.

#### NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If the Recipient intends to make changes to the scope or objective of this project, the Recipient is required to contact the Project Officer, identified in Block 15 of the Assistance Agreement before proceeding. The Recipient must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved. If the Recipient moves forward with activities that are not authorized for Federal funding by the DOE Contracting Officer in advance of a final NEPA decision, the Recipient is doing so at risk of not receiving Federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

Office of Indian Energy Policy and Programs  
This NEPA determination does not require a tailored NEPA provision.  
Review completed by Jonathan Hartman on 9/13/2018

#### SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:



Casey Strickland

NEPA Compliance Officer

Date: 9/13/2018

#### FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

**BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :**

Field Office Manager's Signature: \_\_\_\_\_  
Field Office Manager

Date: \_\_\_\_\_