

Aleutians East Borough

Grantees Aleutians East Borough (Local Government)
Technology Type OTHER
Region Aleutians
AEDG Project Code 10014

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	11	Aleutians East Borough Feasibility Study	2195408	407051	Feasibility	8/20/08	9/30/10	Closed

Grant 2195408: Aleutians East Borough Feasibility Study

Project Scope: The funding is to conduct a Reconnaissance Report assessing possible renewable energy resources - wind, hydro, current, tidal, and waste heat recovery - for the small isolated communities of Cold Bay, False Pass, and Nelson Lagoon. The report will summarize the assessment and findings. The project will be administered and managed by the AEB and will be conducted by a consultant chosen by the AEB.

At a minimum, the following will be accomplished:

* Gather all resource studies that now exist on renewable energy projects within the Borough's boundaries * Research and list other studies that may benefit the smaller communities (with methods and costs) * Describe existing power and heating systems in each of the communities, including detailed loan information and other information necessary to continue into feasibility and conceptual design phase * Describe diesel fuel deliveries and, if appropriate, examine other shipping options * Describe renewable energy technologies available specific in each community * Ascertain and document the required operations and maintenance of renewable resource projects * Ascertain and document the community and utility support and interest in specific renewable resource development * Describe each of the proposed systems' costs and benefits * Quantify the potential energy market and sales rates in each community * Identify land (with landowners) needed for each of the proposed systems * Identify anticipated or required permits with timelines and conduct initial environmental screening for each project with potential barriers or problems noted * Provide an economic analysis of alternatives for each community and make recommendations for future project development work, in rank order per community

Project Status: Completed

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$25,000.00	\$25,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$25,000.00	\$25,000.00
Required Local Match	\$15,000.00	\$15,177.25
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$40,000.00	\$40,177.25