

Akutan Geothermal Development Project

Grantees	City of Akutan (Utility-Government)
Technology Type	GEOTHERMAL
Region	Aleutians
AEDG Project Code	10147

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
2	246	Hot Springs Bay Valley Geothermal Reconnaissance	2195475	406010	Feasibility	7/1/09	12/31/11	Closed
3	470	Akutan Geothermal Development Project	7030023	406010	Feasibility	7/1/10	6/30/11	Closed
4	621	Akutan Geothermal Development Project 2	7040050	406010	Final Design	7/1/11	6/30/16	Active

Grant 2195475: Hot Springs Bay Valley Geothermal Reconnaissance

Project Scope: The City of Akutan will perform geothermal exploration at the Hot Springs Bay Valley geothermal resource to determine suitable exploratory well locations and drill exploratory wells. The information will then be analyzed to determine the economic feasibility of developing the geothermal resource and to create a business plan to ensure the success of the development.

Project Status: The project was completed successfully and the grant has been closed.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$2,595,000.00	\$2,595,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$2,595,000.00	\$2,595,000.00
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$2,595,000.00	\$2,595,000.00

Grant 7030023: Akutan Geothermal Development Project

Project Scope: The City of Akutan will continue the geothermal exploration project begun under the Round II Renewable Energy Fund grant. The Round III grant will run concurrently with the Round II grant and supplement the Round II grant for the costs associated with exploratory drilling. The focus of the work accomplished in the summer of 2010 will be the completion of two temperature gradient (TG) wells in Hot Springs Bay Valley. The TG wells will provide data for the project team to be able to better characterize the resource both in temperature and extent.

Project Status: The project was conducted successfully providing information about the temperature gradient. Well TG4 indicated temperatures of approximately 325 degrees (F) at approximately 1300 feet deep. The grant has been closed and the project will continue under a Round 4 grant for final design and permitting, which will include well site targeting, confirmation well drilling, and flow testing.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$173,792.00	\$173,792.00
Other State Funding	\$0.00	\$0.00
Total State	\$173,792.00	\$173,792.00
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$173,792.00	\$173,792.00

Grant 7040050: Akutan Geothermal Development Project 2