

False Pass Wind Energy Project

Grantees	City of False Pass Electric Utility (Local Government)
Technology Type	WIND
Region	Aleutians
AEDG Project Code	10318

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
4	678	False Pass Wind Energy Project	7040051	410079	Feasibility	7/1/11	6/30/15	Active

Grant 7040051: False Pass Wind Energy Project

Project Scope: This grant consists of \$69,075 from Round IV of the Renewable Energy Fund for a wind feasibility assessment in False Pass. The total project cost is \$74,075 with a match of \$5,000 provided by the grantee.

The City of False Pass Electric Utility is the grantee and the mayor has overall authority for the project. The Aleutians East Borough Community Development Coordinator will be the primary contact representing City of False Pass Electric Utility and has day-to-day responsibility to ensure that the project is on schedule and within budget.

The City of False Pass Electric Utility has already installed a meteorological tower and collected two years of wind data. The grantee will complete a wind resource analysis based on this data to develop a permitting and avian study plan. Then a preliminary geotechnical analysis will be conducted to determine the soil conditions and needed engineering at the site.

A conceptual design will be created based on the outcome of the wind resource analysis and geotechnical investigation. This design will address the current diesel power and distribution system to identify upgrades that are needed to integrate wind power. A variety of wind turbine models and quantity configurations will be considered.

Project Status: The grant agreement is in place. The grantee has chosen to work with Marsh Creek as their contractor. V3 Energy will be using data collected from 2004 to 2006, as well as November through December of 2011, to complete the Wind Resource Assessment (WRA) as a subcontractor of Marsh Creek. A draft of the Conceptual Design Report (CDR) was submitted. After the CDR was reviewed by AEA, it was agreed that the False Pass electrical system is not currently capable of using wind power and the project will not proceed to the next phase at this time.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$69,075.00	\$64,952.99
Other State Funding	\$0.00	\$0.00
Total State	\$69,075.00	\$64,952.99
Required Local Match	\$5,000.00	\$4,790.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$74,075.00	\$69,742.99