

Nikolski Wind Integration

Grantees Nikolski IRA Council (Local Government)
Technology Type WIND
Region Aleutians
AEDG Project Code 10089

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	89	Nikolski Wind Integration Construction	2195375	410028	Construction	8/20/08	12/31/10	Closed

Grant 2195375: Nikolski Wind Integration Construction

Project Scope: TDX Power installed a 65 kW V-15 wind turbine on behalf of the utility in 2007, using an U.S. Department of Agriculture - Rural Utilities Service (USDA RUS) grant and Aleutian Pribilof Island Community Development Association (APICDA) funding. Currently the turbine is wired to the power plant but not connected. This proposal would provide funding to integrate the turbine into the power system and develop a heat recovery system in the existing power plant and provide for electric boilers in the lodge and school to use excess wind energy.

Project Status: The system is not currently operational. All money has been spent. The energy produced by the wind turbine is more than the power plant can handle along with the existing community load and reaction speed of secondary loads. SCADA is working. The cost to do business in Nikolski was higher than originally estimated. Nikolski has requested an additional \$331,000 from Round V of the Renewable Energy Fund to resolve issues, but no funds were awarded.

The grant is closed.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$409,430.00	\$409,430.00
Other State Funding	\$0.00	\$0.00
Total State	\$409,430.00	\$409,430.00
Required Local Match	\$41,500.00	\$41,500.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$450,930.00	\$450,930.00