

## Teller Wind Analysis

**Grantees** Alaska Village Electric Cooperative (Utility-Cooperative)  
**Technology Type** WIND  
**Region** Bering Straits  
**AEDG Project Code** 10194

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
2	297	Teller Wind Analysis	2195464	410054	Feasibility	7/1/09	6/30/15	Active

### Grant 2195464: Teller Wind Analysis

**Project Scope:** This is a grant for feasibility and reconnaissance including: permitting, purchasing, transporting and installing a met tower; studying the wind resource for one year; and conducting a geotechnical investigation to determine the soil conditions and needed engineering at the site. A conceptual design will be created based on the outcome of the met tower recordings and geotechnical investigation.

**Project Status:** The original 40-meter met tower site proved to have a low wind resource so a new site along the road between the dump and the gravel pit south of the airport was established on May 26, 2012 with the installation of a 50-meter met tower. Data collection for this project is complete. Both towers have been decommissioned. A wind feasibility report is in progress. With the loss of the intertie between Teller and Brevig Mission, a wind energy project is not economically feasible at this time due to the small system load with just a single village.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$117,610.00	\$98,165.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$117,610.00</b>	<b>\$98,165.00</b>
Required Local Match	\$6,190.00	\$5,167.00
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$123,800.00</b>	<b>\$103,332.00</b>