

## Scammon Bay Wind

**Grantees** Alaska Village Electric Cooperative (Utility-Cooperative)  
**Technology Type** WIND  
**Region** Lower Yukon-Kuskokwim  
**AEDG Project Code** 10196

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
4	646	Scammon Bay Wind Feasibility	7040022	410071	Feasibility	7/1/11	12/31/15	Active

### Grant 7040022: Scammon Bay Wind Feasibility

**Project Scope:** The Alaska Village Electric Cooperative (AVEC) will conduct a wind resource and feasibility assessment in Scammon Bay. A detailed conceptual design will be delivered to AEA upon completion of the project.

**Project Status:** The grant agreement is in place. A 50 meter meteorological tower was installed in September 22, 2012. The winter met tower data has raised icing concerns. AEA will lend a 10 meter mast to AVEC to install at another potential wind turbine location to collect data and AVEC will install instrumentation at 10 meters on the current met tower. This will allow wind and icing data to be correlated between the two sites in order to determine the best site. Data indicates a question as to the actual orientation of the wind vane. Local personnel will verify the orientation of the vane boom. Draft CDR is complete. A new turbine site will be selected closer to town with less icing potential.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$142,500.00	\$131,420.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$142,500.00</b>	<b>\$131,420.00</b>
Required Local Match	\$7,500.00	\$7,096.00
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$150,000.00</b>	<b>\$138,516.00</b>