

## Surplus Wind Energy Recovery for Gambell Water System Heat

<b>Grantees</b>	Alaska Village Electric Cooperative (Utility-Cooperative)
<b>Technology Type</b>	WIND
<b>Region</b>	Bering Straits
<b>AEDG Project Code</b>	10373

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
5	876	Surplus Wind Energy Recovery for Gambell Water System Heat	7050876	410080	Construction	7/1/12	12/31/15	Active

### Grant 7050876: Surplus Wind Energy Recovery for Gambell Water System Heat

**Project Scope:** The Alaska Village Electric Cooperative (AVEC), in collaboration with Alaska Native Tribal Health Consortium (ANTHC), will design and construct a secondary load(s) to capture excess energy from the existing wind farm in Gambell. The secondary loads will be used to provide heat for the water treatment plant and drinking water storage tank. ANTHC will provide the match.

**Project Status:** The grant is in place. The Collaborative Project Agreement between AVEC and ANTHC is also in place. The final design was approved June 6, 2014 by AVEC. AEA accepted the design June 12, 2014. The system is operational and upon receipt of final deliverables will be closed out.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$240,260.00	\$157,920.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$240,260.00</b>	<b>\$157,920.00</b>
Required Local Match	\$12,645.00	\$12,645.00
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$252,905.00</b>	<b>\$170,565.00</b>