

Port Heiden Wind Turbine Project

Grantees	Lake and Peninsula Borough (Local Government)
Technology Type	WIND
Region	Bristol Bay
AEDG Project Code	10323

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
4	686	Port Heiden Wind Turbine Project	7040009	410062	Final Design	7/1/11		Active

Grant 7040009: Port Heiden Wind Turbine Project

Project Scope: Lake and Pen Borough proposed a design and construction project for a 330kW wind turbine in Port Heiden. AEA has not yet accepted a conceptual design and thus has limited funding to permitting and design work. A very-high penetration wind system was proposed without full consideration of the integration requirements.

Project Status: The current diesel power house and electrical distribution system are not capable of supporting a utility-scale wind system. A RPSU conceptual design is tentatively scheduled to begin in 2015. The due diligence process has been initiated. Money from this grant may be combined with RPSU funding for a combined wind-diesel system design.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$250,000.00	\$0.00
Other State Funding	\$0.00	\$0.00
Total State	\$250,000.00	\$0.00
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$250,000.00	\$0.00