

Buckland, Deering, Noorvik Wind Farm

Grantees	Northwest Arctic Borough (Government Entity - Housing Authority)
Technology Type	WIND
Region	Northwest Arctic
AEDG Project Code	10058

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	56	Buckland, Deering, Noorvik Wind Farm Construction	2195377	410042	Construction	8/20/08	6/30/16	Active

Grant 2195377: Buckland, Deering, Noorvik Wind Farm Construction

Project Scope: The current grant agreement allocates funds to complete feasibility studies, conduct geotechnical studies, collect detailed bids and complete final design and permitting in all three communities. The communities of Buckland and Deering have funds to construct wind projects. The grantee match is from NANA-funded wind studies and in-kind materials. This grant includes project codes 410058, 410059 and 410060.

Project Status: Buckland, Deering and Noorvik draft conceptual designs have been accepted by AEA. Buckland and Deering 95% designs have been accepted by AEA. The Noorvik project is on hold due to the lack of a strong nearby wind resource and a power plant that is not optimized for the integration of variable wind power. Deering turbine is delivered and being stored in Kotzebue over the winter. Construction bids were received and a construction contractor has been chosen. Deering now has separate funding from NANA Corp. to overhaul all of their diesel gensets and has met with AEA to share their O&M plans. Buckland construction began in fall 2014 with the system in final commissioning as of summer 2015. Deering construction began in August 2015 and will continue through the fall.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$10,758,928.00	\$7,538,053.24
Other State Funding	\$0.00	\$0.00
Total State	\$10,758,928.00	\$7,538,053.24
Required Local Match	\$162,500.00	\$154,777.12
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$10,921,428.00	\$7,692,830.36