

Stebbins Heat Recovery Project

Grantees	Alaska Village Electric Cooperative (Utility-Cooperative)
Technology Type	HEAT RECOVERY
Region	Bering Straits
AEDG Project Code	10408

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
6	939	Stebbins Heat Recovery Project	7060939	403065	Construction	7/1/13	6/30/16	Active

Grant 7060939: Stebbins Heat Recovery Project

Project Scope: This grant consists of \$1,319,088 from Round VI of the Renewable Energy Fund for design and construction heat recovery system to connect recovered heat from the community power plant to the new water treatment plant, existing water treatment plant, Washeteria, head start building, clinic, and the school. The total project cost is \$1,341,000 with \$21,975 of in-kind building contribution provided by ANTHC as a match. This project is estimated to displace 57,000 gallons of fuel oil out of an annual usage of 69,000 gallons.

The feasibility study for this project was completed in 2012. Construction funding availability is contingent on AEA accepting the final design and the business/operating plan with heat sales agreements.

Alaska Village Electric Cooperative, Inc. (AVEC) is the grantee. The community of Stebbins and AVEC must finalize a heat sales agreement; a copy must be submitted to AEA before construction funds are released to grantee. Similarly, a final design must be accepted by AEA for review before construction funds are released to the grantee.

A 65% final design, which includes any necessary contracts, must be complete and accepted by AEA prior to the release of funds for materials requiring long lead time items.

A 95% final design must be complete and accepted by AEA prior to release of construction funds. The 95% design must include a narrative, along with attached drawings and specifications as required to establish function of all major components within the biomass system. The 95% design will contain adequate system and component definition to manage construction of the project.

The final reimbursement of grant funds will not be disbursed without an O&M reporting plan accepted by the AEA Project Manager. AEA may retain up to 10% of the contributed grant funds until the grantee has submitted an acceptable O&M reporting plan.

Project Status: The design is nearing completion and construction is anticipated for 2016.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$1,319,088.00	\$102,582.00
Other State Funding	\$0.00	\$0.00
Total State	\$1,319,088.00	\$102,582.00
Required Local Match	\$21,975.00	\$13,202.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$1,341,063.00	\$115,784.00