

New Stuyahok Heat Recovery

Grantees	Southwest Regional School District (Government Entity - School District)
Technology Type	HEAT RECOVERY
Region	Bristol Bay
AEDG Project Code	10413

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
6	944	New Stuyahok Heat Recovery	7060944	403068	Construction	7/1/13	12/31/15	Active

Grant 7060944: New Stuyahok Heat Recovery

Project Scope: This grant consists of \$486,000 from Round VI of the Renewable Energy Fund for design and construction of heat recovery project to capture the recovered heat from the AVEC power plant cooling system, which will involve installing heat exchangers at the plant and school boiler module with appropriate pumps and controls at both sites and ~700 feet of underground piping between the plant and school boiler module.

The Preliminary Heat Recovery Assessment for the AVEC Power Plant and New Stuyahok School project was completed on September 19, 2012.

The total project cost is \$548,000 with \$62,000 of in-kind contribution provided by Southwest Region School District as a match.

Southwest Region School District (SRSD) is the grantee. SRSD 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.

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 construction for this project is nearing completion. Start-up is anticipated for fall 2016.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$486,000.00	\$258,159.71
Other State Funding	\$0.00	\$0.00
Total State	\$486,000.00	\$258,159.71
Required Local Match	\$62,000.00	\$47,100.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$548,000.00	\$305,259.71