

Russian Mission Heat Recovery System

Grantees	City of Russian Mission (Local Government)
Technology Type	HEAT RECOVERY
Region	Lower Yukon-Kuskokwim
AEDG Project Code	10351

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
5	844	Russian Mission Heat Recovery System	7050844	403059	Construction	7/1/12	12/31/15	Active

Grant 7050844: Russian Mission Heat Recovery System

Project Scope: This project will provide the final design and construction of a heat recovery that will utilize waste heat from the existing Alaska Village Electric Cooperative (AVEC) power plant for use at the WTP and three LYSD teacher housing units in Russian Mission. The design will be developed based on recommendations from the Russian Mission, Alaska Heat Recovery study that was completed by Alaska Energy and Engineering, Inc. (AE&E). The construction will include retrofitting the AVEC generators and installing a waste heat transmission line, circulation pumps, heat exchangers, and other system appurtenances. The project will involve coordination with the AVEC, the City, LYSD, the Alaska Native Health Consortium (ANTHC), as well as the Alaska Rural Utility Collaborate (ARUC).

Project Status: The engineering design is in progress through the Alaska Native Tribal Health Consortium. ANTHC is anticipating a shortage of funds to complete the construction and is pursuing other funding opportunities.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$555,000.00	\$29,708.33
Other State Funding	\$0.00	\$0.00
Total State	\$555,000.00	\$29,708.33
Required Local Match	\$32,000.00	\$28,797.51
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$587,000.00	\$58,505.84