

Hoonah Heat Recovery Project

Grantees Inside Passage Electric Cooperative (Utility-Cooperative)
Technology Type HEAT RECOVERY
Region Southeast
AEDG Project Code 10324

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
4	687	Hoonah Heat Recovery Project	7040036	403053	Construction	7/1/11	12/31/13	Closed

Grant 7040036: Hoonah Heat Recovery Project

Project Scope: Inside Passage Electric Cooperative(IPEC) will construct a heat recovery project in the community of Hoonah. The Project will recover available jacket water heat from IPEC-Hoonah diesel generation that is currently being rejected to the atmosphere via radiators and reduce annual diesel heating fuel consumption of nearby community buildings by over 55,000-gallons/year. The buildings heated are the Hoonah City Schools' main school building, Hoonah City Schools' pool/gymnasium, Hoonah City police station, and the Hoonah City Fire Hall.

IPEC will contract with AE&E for the management of the design, permitting, system integration, and construction of the project. Project matching funds will be provided by IPEC through a Denali Commission grant in the amount of \$530,000.

Prerequisites for AEA grant reimbursement are acceptance of: *NEPA Permitting *95% Engineering Design Drawings *Heat Sales Agreements *Utility Permits for routing

Project Status: The system is fully operational.

Grantee reports that the system is operating as intended.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$472,963.89	\$472,963.89
Other State Funding	\$0.00	\$0.00
Total State	\$472,963.89	\$472,963.89
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$472,963.89	\$472,963.89