

Haines Central Wood Heating Feasibility Study (Community Buildings)

Grantees	Haines Borough (Local Government)
Technology Type	BIOMASS
Region	Southeast
AEDG Project Code	10044

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	41	Haines Central Wood Heating Feasibility Study	2195372	402036	Feasibility	8/20/08	12/31/13	Active
7	1021	Haines Borough Municipal Buildings Biomass Project	7071021	402036	Construction	7/1/14	12/31/17	Active

Grant 2195372: Haines Central Wood Heating Feasibility Study

Project Scope: The Haines Borough process to explore the potential for use of low-emission nontoxic wood biomass as the source for wood-fired boilers to provide heat (through an insulated pipe distribution system) initially to four buildings located within the Borough: the K-12 school, the Voc-Ed Building, the Municipal Administration Building, and the Public Library. The Haines Borough will contract with qualified consultants to perform reconnaissance and feasibility studies, and guide the Borough through the 35% conceptual design. Contracting will be in accordance with the Borough's standard procurement policies.

Project Status: In May 2012, Alaska Energy Engineering completed the Haines Borough Biomass Feasibility Study. It was concluded that biomass heating was not practical due to the high capital and maintenance costs associated with pellet boilers. However, AEA, Division of Forestry, and the Coast Guard Biomass staff disagree with some of the elements of the study.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$116,612.38	\$116,612.38
Other State Funding	\$0.00	\$0.00
Total State	\$116,612.38	\$116,612.38
Required Local Match	\$20,000.00	\$20,000.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$136,612.38	\$136,612.38

Grant 7071021: Haines Borough Municipal Buildings Biomass Project

Project Scope: Provide final design and installation of low emissions, high efficiency pellet-fired boiler systems to heat the Haines School and Pool, Chilkat Center, Sewer Treatment Plant, Vocational Education Building, Library, old City Shop, new City Shop, Public Safety Building, and the Sheldon Museum.

Project Status: This project is in the design phase. A steering committee of has been formed of biomass technical resources to work with the community of the technology selection.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$1,237,400.00	\$3,658.62
Other State Funding	\$0.00	\$0.00
Total State	\$1,237,400.00	\$3,658.62
Required Local Match	\$137,448.00	\$5,927.59
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$1,374,848.00	\$9,586.21