

## Venetie District Heating

<b>Grantees</b>	Village of Venetie (Local Government), Venetie Village Council (Local Government)
<b>Technology Type</b>	BIOMASS
<b>Region</b>	Yukon-Koyukuk/Upper Tanana
<b>AEDG Project Code</b>	10191

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
2	293	Venetie District Heating Conceptual Design	2195452	402042	Feasibility	7/1/09	6/30/12	Closed
7	1044	Venetie Clinic Heat Recovery	7071044	403076	Construction	7/1/14	6/30/18	Active

### Grant 2195452: Venetie District Heating Conceptual Design

**Project Scope:** The project as described in the application is a wood energy district heating project located in Venetie, Alaska for three buildings: the school, school housing and washeteria/water system. Although the full project will be a two year project, the current grant funding is for completion of a feasibility study and conceptual design of the proposed boiler systems only. Two important issues that need to be addressed by this project are the supply of wood and reliable operation of the boilers. The feasibility assessment will address these issues before design work is completed. A level one feasibility and a reconnaissance of forest wood resources have been performed in the summer of 2008 under a Department of Energy Tribal energy grant for the Yukon Flats area.

**Project Status:** The project is complete

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$32,500.00	\$32,500.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$32,500.00</b>	<b>\$32,500.00</b>
Required Local Match	\$8,309.09	\$8,309.09
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$40,809.09</b>	<b>\$40,809.09</b>

### Grant 7071044: Venetie Clinic Heat Recovery

**Project Scope:** This grant will provide the design and construction of jacket heat recovery project to capture the recovered heat from the diesel engines in the Venetie Village Electric (WE) power plant and send the recovered heat to the newly constructed clinic in Venetie, Alaska for space heating. It is expected that this project will save the clinic 2,300 gallons of heating oil each year, nearly offsetting the total fuel oil usage.

**Project Status:** The design is complete. Construction will begin during the summer of 2016.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$198,500.00	\$11,214.25
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$198,500.00</b>	<b>\$11,214.25</b>
Required Local Match	\$5,954.00	\$4,875.94
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$204,454.00</b>	<b>\$16,090.19</b>