

Tanacross Woody Biomass Community Facility Space Heating Project

Grantees	Native Village of Tanacross (Local Government)
Technology Type	BIOMASS
Region	Yukon-Koyukuk/Upper Tanana
AEDG Project Code	10209

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
5	881	Tanacross Woody Biomass Community Facility Space Heating Project	7050881	402118	Construction	7/1/12	12/31/15	Active

Grant 7050881: Tanacross Woody Biomass Community Facility Space Heating Project

Project Scope: This project will deliver a fuel supply plan, final design, and construction of a single centrally located woody biomass plant to heat four (4) community facilities which is estimated to displace 26,500 gallons of imported heating oil and create local wood-harvesting employment/small business opportunities.

AEA must accept a fuel supply plan and final design. The system design must include metering and monitoring equipment and instrumentation. AEA recommends full funding of \$420,000; however, AEA must accept the fuel supply plan and final design before funding is made available for construction.

Project Status: Tanacross contracted with Coffman Engineering to conduct an analysis of the most economic biomass space distribution approach and design and engineering of the selected preferred option for the purpose of serving the village's water treatment/washeteria plant and the new 10,000 square foot multi-purpose building. Tanacross has procured two GARN 2000 boilers and constructed a 2,000 s.f. biomass heat station building using village force account labor. This building included a concrete slab/foundation, SIP panel construction (SIP's donated by TVC) and a manufactured roof truss system. The building is fully enclosed including doors installed. Work has now halted on the project. Bids for mechanical work exceed current funding. Tanacross is seeking additional funds to complete the biomass heat system.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$420,000.00	\$393,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$420,000.00	\$393,000.00
Required Local Match	\$170,000.00	\$171,348.43
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$590,000.00	\$564,348.43