

McGrath Biomass

Grantees	McGrath Light & Power Company (Utility-Government), McGrath Traditional Council (Government Entity - Tribal Council)
Technology Type	BIOMASS
Region	Yukon-Koyukuk/Upper Tanana
AEDG Project Code	10033

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	30	McGrath Central Wood Heating Project Development Phase III	2195403	402039	Feasibility	8/20/08	6/30/14	Closed
2	314	McGrath Biomass Feasibility	2195459	402043	Feasibility	7/1/09	6/30/11	Closed

Grant 2195403: McGrath Central Wood Heating Project Development Phase III

Project Scope: Phase III (Final Design and Permitting) of the project is funded under this agreement. The following tasks will be completed during this stage:

Timeline/Milestones:

Grant agreement in place (Months 1-2)- submit Project Conceptual Design, submit Updated Project Budget and Schedule, submit Site Control Documentation, and apply for All Necessary Permits.

Review Project Design and System Integration (Month 3)- submit 65% Design Documents, submit Conceptual Design and System Integration Plan with the McGrath Heat Recovery Construction Project, perform Geotech Analysis, submit Necessary Power Sales Agreements (PSAs) and Memoranda of Understanding (MOUs), and submit Quarterly Report.

Finalize Design and Permitting (Month 4)- submit 95% Design, submit All Site Control and Permitting Documents, submit Final Environmental Analysis, submit Operational Business Plan, and submit Updated Budget and Proposed Construction Schedule.

Project Status: The Conceptual Design Report and permitting analysis are complete. This project is in close-out.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$322,000.00	\$131,719.00
Other State Funding	\$0.00	\$0.00
Total State	\$322,000.00	\$131,719.00
Required Local Match	\$63,000.00	\$15,000.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$385,000.00	\$146,719.00

Grant 2195459: McGrath Biomass Feasibility

Project Scope: The McGrath Traditional Council will use grant funds to complete a feasibility study for community-based biomass resource analysis located in McGrath, Alaska. The study encompasses a 5-mile radius. The scope includes assessing kind, quantity, and delivered cost of biomass. The project will benefit the interior communities of Tanana, Tanacross, and Nenana by showing the proposed method of biomass supply assessment is useful.

The project team must coordinate with McGrath Light & Power and other project participants in assessing harvest supply requirements and system requirements, per the review team for the Alaska Energy Authority. This coordination will need to be documented in the report submitted to the Authority.

Project Status: The project is complete and the grant is closed.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$25,736.49	\$25,736.49
Other State Funding	\$0.00	\$0.00
Total State	\$25,736.49	\$25,736.49
Required Local Match	\$6,841.35	\$6,841.35
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$32,577.84	\$32,577.84