

Wrangell Electric Vehicle Feasibility Study

Grantees City and Borough of Wrangell (Local Government)
Technology Type OTHER
Region Southeast
AEDG Project Code 10300

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
4	624	Wrangell Electric Vehicle Feasibility Study	7040070	407086	Feasibility	7/1/11	6/30/13	Closed

Grant 7040070: Wrangell Electric Vehicle Feasibility Study

Project Scope: The City & Borough of Wrangell will perform a recon study of potentially using electric and PHEV vehicles to utilize excess hydro from the SEAPA grid. Tasks include assessing the various types of vehicles most appropriate for use in southeast Alaska and their costs; review of codes & standards and any permitting requirements; evaluate impacts on the electric grid; study 'smart grid' and demand-side management applications associated with battery charging; and completing economic analysis of purchasing and operating electric and/or PHEVs. Analyses and findings will be documented in recon report.

Project Status: The grantee's consultant completed the feasibility report. AEA reviewed and provided comments. Awaiting finalization of final feasibility report.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$25,000.00	\$25,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$25,000.00	\$25,000.00
Required Local Match	\$428.48	\$428.48
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$25,428.48	\$25,428.48