

Chignik Lagoon Hydroelectric

Grantees	Chignik Lagoon Village Council (Government Entity - Tribal Council), Chignik Lagoon Power Utility (Utility-Government)
Technology Type	HYDRO
Region	Bristol Bay
AEDG Project Code	10017

REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	14	Chignik Lagoon Hydroelectric Final Design	2195389	407036	Final Design	8/20/08	6/30/13	Closed
5	836	Packer's Creek Hydroelectric Project	7050836	407091	Construction	7/1/12	12/31/15	Active
7	1036	Packers Creek Hydroelectric Project Phase II	7071036	407091	Construction	7/1/14	12/31/15	Active

Grant 2195389: Chignik Lagoon Hydroelectric Final Design

Project Scope: This project is to complete permitting and final design of a hydroelectric project on Packers Creek. Surveying, stream gauging, geology investigation, construction cost estimate, turbine and generator performance specifications, and controls performance specifications will also be completed.

Project Status: The portion of the project is complete. This grant will be closed with the phase 2 grant 7050836. Permitting and final design are completed

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$150,000.00	\$150,000.00
Other State Funding	\$0.00	\$0.00
Total State	\$150,000.00	\$150,000.00
Required Local Match	\$0.00	\$0.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$150,000.00	\$150,000.00

Grant 7050836: Packer's Creek Hydroelectric Project

Project Scope: The grant is to fund construction of the 177 kW run-of-river Packers Creek Hydroelectric Project to serve the community of Chignik Lagoon. The project features include a 9-foot tall concrete dam/intake structure, a 3,260 foot long penstock and access trail, a powerhouse, and a 1,750 foot long overhead power line to connect to the existing electrical distribution system.

Project Status: The Project become operational in Apr 2015 and was commissioned in Aug 2015. Approximately 20k of funds remain in the grant.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$1,993,496.00	\$1,993,496.00
Other State Funding	\$0.00	\$0.00
Total State	\$1,993,496.00	\$1,993,496.00
Required Local Match	\$523,000.00	\$523,000.00
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$2,516,496.00	\$2,516,496.00

Grant 7071036: Packers Creek Hydroelectric Project Phase II

Project Scope: Supplemental grant funding to complete construction of the Packers Creek Hydroelectric Project.

Project Status: The Project become operational in Apr 2015 and was commissioned in Aug 2015. Approximately 106k of funds remain in the grant. Remaining work on the project includes some road and ditch maintenance in the spring of 2016 and final site restoration and de-mob.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$2,352,700.00	\$1,847,547.43
Other State Funding	\$0.00	\$0.00
Total State	\$2,352,700.00	\$1,847,547.43
Required Local Match	\$520,000.00	\$466,828.24
Federal Grant Funding	\$0.00	\$0.00
Total Project Costs	\$2,872,700.00	\$2,314,375.67