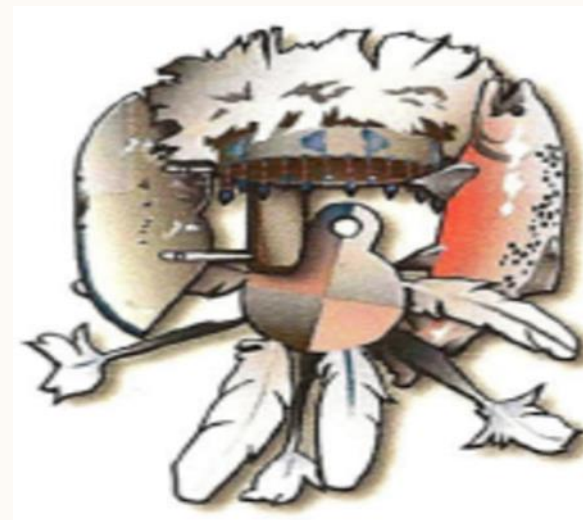


ANIAK ENERGY EFFICIENCY RETROFIT PROJECT



Laura Simeon-Tribal CEO
Daisy Phillips-Finance Director





Village of Aniak History

2

- Aniak is located on the south bank of the Kuskokwim River at the head of Aniak Slough, 59 miles southeast of Russian Mission in the Yukon-Kuskokwim Delta. It lies 92 air miles northeast of Bethel and 317 miles west of Anchorage.
- Aniak is a Yup'ik word meaning, “the place where it comes out”, which refers to the mouth of the Aniak River.
- Aniak’s population is primarily of Yup’ik Eskimo and Athabascan descent.
- We live off your land year around fishing, hunting, berry picking
- Population of Aniak is about 500 residents year around.
- We have 743 enrolled tribal members.

Village of Aniak

3

- The City of Aniak was incorporated in 1972.
- The Village of Aniak was formed in 1978.
- 2 schools located in our Community Elementary School K-5th Grade and a High School 6th-12th Grade.
- Sub-Regional Clinic provided by Yukon Kuskokwim Health Corporation.
- 2 stores Alaska Commercial Company and Kuik Run Store owned by TKC our Native Corporation.
- Airlines Carries Northern Air Cargo, Everts Air Cargo Ryan Air Alaska and Lake and Peninsula Air, Ravn Alaska pulled out of our village in October of this year.
- Aniak Light and Power, a privately-owned company, who provides electricity to our village.



Aniak residents shocked by quadrupled power bills ⁴

On June 1st 2023 our Light and Power Bills went up 4 times the amount of our bill. Our Power Company got approved by the RCA in April of 2023 to increase the kwh to \$1.41 per kilowatt hour and will increase to \$1.65.

Aniak Light and Power President Darlene Holmberg attributed the rising costs to fuel prices, which she says rose from \$2.66 per gallon to \$5.39 a gallon — a 75% spike — from 2021 to 2022.

Aniak Light and Power Company requested that be waived, saying that they didn't know why their line loss was high, but that they would try and pinpoint the cause.

The commission decided that it would let the community keep the maximum subsidy.

Organizations in Aniak are working together to find a more long-term solution to keep electricity prices reasonable.

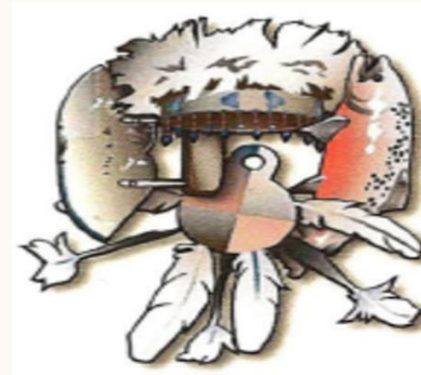
At the statewide Alaska Federation of Natives Convention in October, the Association of Village Council Presidents will sponsor a resolution made by the Aniak Tribal Council that calls on the state of Alaska to investigate and change the composition of the Regulatory Commission of Alaska because of its decision to approve the exorbitant electricity rates in Aniak without prior notice.



Aniak Energy Efficiency Retrofit Project

Project Summary

The Village of Aniak is proposing to install energy efficiency measures in the Tribal Office, Community Center, ICWA & DOJ Building, and Duplex. The goal of the project is to reduce the overall energy use of the Village of by implementing energy efficiency measures in four high-use tribal buildings. This project expects to have the following outcomes: projected annual energy savings of approximately \$24,238; projected annual reduction in fuel oil of roughly 1,802 gallons and electricity of around 24,537 kWh; and annual reduction in carbon dioxide emissions of approximately 84,594 pounds/year.



Background



- Village of Aniak obtained energy audits on these buildings in 2017-2018, and this project will implement the resulting high-payback recommendations such as replacing lighting with LEDs, installing setback thermostats, and air-tightening building envelopes.
- Buildings will see reductions in energy costs ranging from approximately 17 to 34%. These retrofits will help build Village of Aniak long-term vision to support sustainable practices through energy conservation and address the four goals of the Village of Aniak Energy Action Plan developed in 2019.
- Village of Aniak intends to replicate this project by using the resulting energy savings to address audit recommendations in other buildings as well as pursue energy audits for community buildings that do not have them, and they will demonstrate the value of energy efficiency to community members.
- Other expected outcomes will include an increase in community resiliency, reduced dependence on shipments of fuel oil, and training for maintenance staff.

Next Steps

- **Replace 13 thermostats and 13 Zone Valves in our office building.**
- **Replace the Boiler Control System.**
- **Replace the Circulation pumps.**





Thank You to our partners to
make our project possible.

Department of Energy

Cold Climate Research Center

Energy Audits of Alaska



Energy Audits of Alaska 