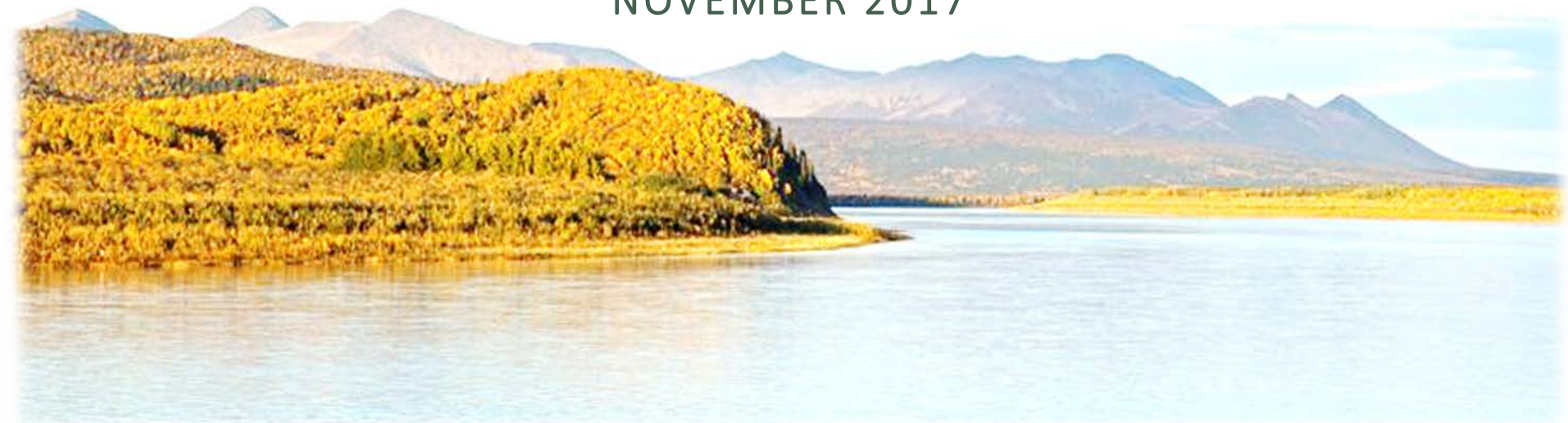


Aniak Energy Efficiency Project

DAISY PHILIPS

DOE PROGRAM REVIEW

NOVEMBER 2017



Village of Aniak

A group of people, including children and adults, are performing a traditional dance in a large, brightly lit hall. They are wearing traditional clothing, including long-sleeved shirts and pants. Some are standing and holding long poles, while others are kneeling on the floor. The background shows a large room with a wooden floor and some equipment hanging on the wall.

- **Yup'ik Eskimo and Athabascan Indians the village of Aniak has a population of 532 people**
- **People live a subsistence lifestyle, year around relying on fish, moose, bear, birds, berries, and gardens for food.**
- **The village is governed by a Traditional Council and a City Council.**
- **Aniak is the community hub for the surrounding villages with two schools, a sub-regional clinic, and a runway that can land a jet.**

Background



- Aniak has a long-term goal to reduce and stabilize energy costs in the community.
- Aniak works to build knowledge and skills of the community to implement energy solutions.
- The Tribal Government in Aniak is strong and involved. The Traditional Council has ten staff positions in addition to the Council members that work to administer community programs, including energy assistance and environmental planning.

Project overview

- **This project will address the high energy costs in Aniak.**
 - Gallon of gasoline is \$6.94 per gallon
 - Heating Fuel is \$6.99 per gallon
 - Gallon of propane is \$9.88
- **The goal of the project is to reduce the fuel oil and electrical energy use of tribal buildings.**
- **Strategy:**
 - Identify tribal buildings with high energy use.
 - Conduct ASHRAE Level II energy audits.
 - Develop an Energy Action Plan for each building.
 - Retrofit plan
 - Maintenance plan
 - Training opportunities
 - Scope of work for contractors

Project location

- Aniak is not connected to the road system. Travel is by small plane or by boat when river is free of ice.
- Located on the Kuskokwim River in Southwest Alaska.
- Aniak is a service and transportation hub for the surrounding region.



Participants

- **Daisy Philips – Finance director**
- **Laura Simeon – Tribal administrator**
- **The Aniak Traditional Council will choose the buildings to audit, establish goals for each building, and work with the Cold Climate Housing Research Center on the Energy Action Plans.**
- **Cold Climate Housing Research Center (CCHRC) – Alaska nonprofit organization that will conduct the energy audits and help develop the Energy Action Plans.**

Progress to-date

- **Aniak Traditional Council has met to discuss which buildings they would like to audit.**
 - **Community hall**
 - **Tribal office building**
 - **Public safety building**
 - **Three buildings that have been recently gifted to the Village of Aniak by a local non-profit.**

Aniak Traditional Council Main Office Complex



Building #1

Aniak Community Hall

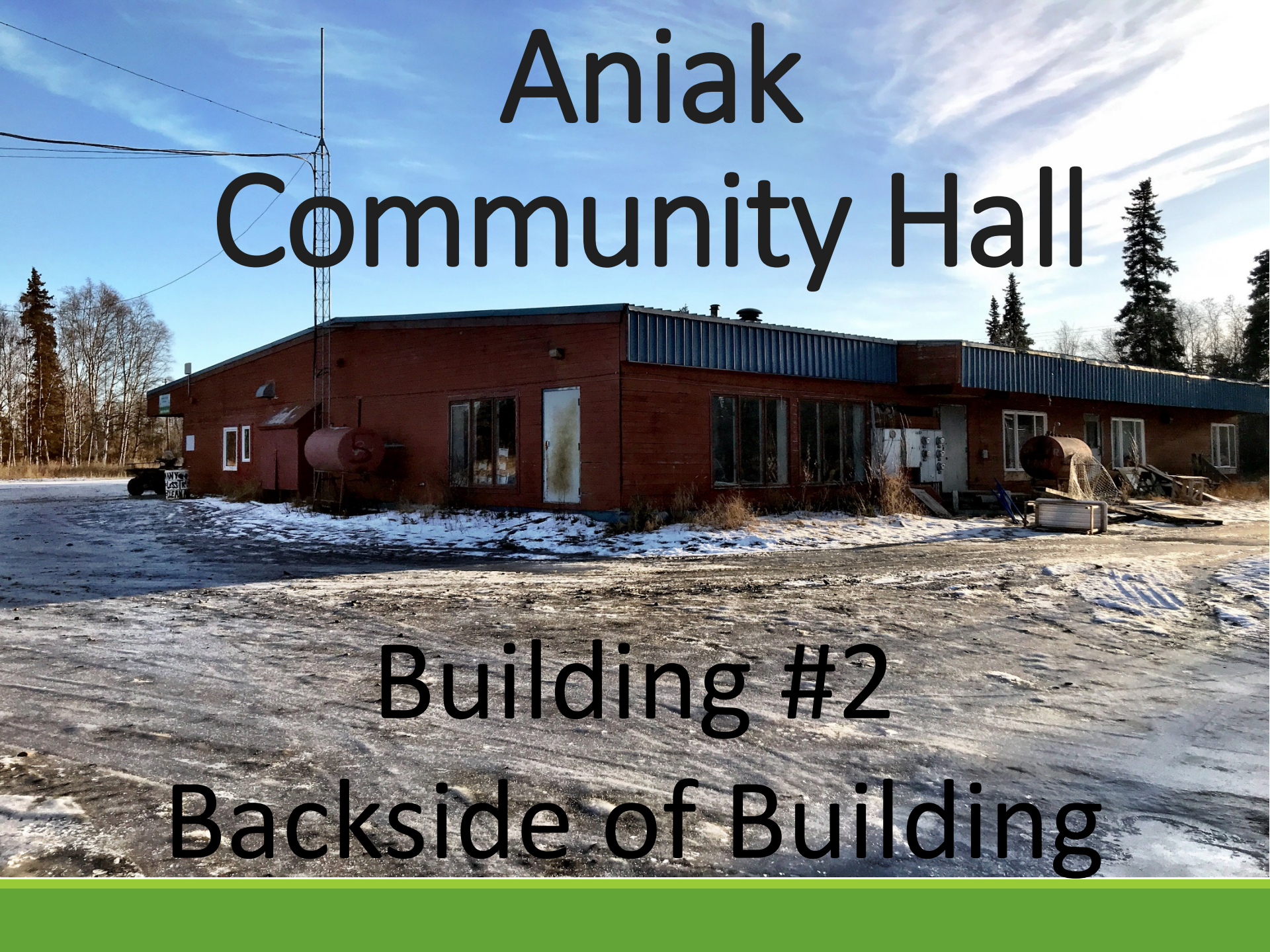


FRONT OF BUILDING #2

Aniak Community Hall

Building #2

Backside of Building



Aniak Public Safety Office



BUILDING #3

Aniak Traditional Council Gifted Buildings



Aniak Traditional Council Gifted Building #1



Aniak Traditional Council Gifted Building #2



Next steps

- **CCHRC will visit Aniak before March 31, 2018.**
- **CCHRC will meet with the Traditional Council to establish goals for each building, conduct on-site assessments of each building, and gather baseline energy data.**
- **CCHRC and the Aniak Traditional Council will work on the Energy Action Plans over the next year.**

Questions

For additional information, please contact:

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