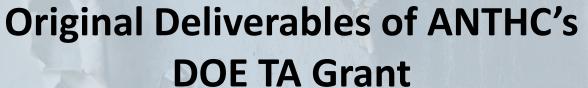


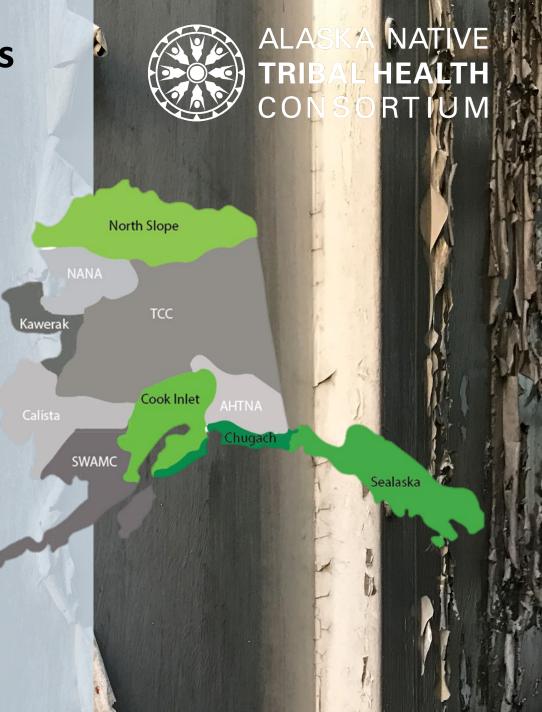
Our Work

Working with Alaska Native communities statewide to make critical services more sustainable and affordable.

- Optimizing existing systems
- Incorporating new technologies
- Increasing energy literacy
- Specialize in water and sanitation



- 15 Level 3 Energy Audits
- 15 Material Take-Offs and Training Plans
- 15 Feasibility Studies for Energy Capital
 Projects
- 15 Design/Proposal Reviews
- 15 Instances of Assistance with Project
 Financing Identification
- Focus Regions





Project Identification

Apply for Technical Assistance Use this online form to request technical assistance from the Alaska Native Tribal Health Consortium for planning and implementing renewable energy and energy efficiency projects.		Rural Energy Initiative (907) 729-3942 energy@anthc.org
To help us determine whether your request fits within the program's scope and can be addressed with available resources, please provide the information below and then click on "Submit" button.		
Technical Assistance Request		
Name		
First	Last	
Title/Position *		
Email *		

- Online application
- Previously identified
- Conversation and connections with regional partners

Impact: Technical Assistance Work To-Date

- **Seldovia**: 2x Energy Audits
- Yakutat: Energy Audit, Material Take-Off
- **Tyonek**: Energy Audit, Material Take-Off
- Aniak: Energy Audit
- Atmautluak: Energy Audit
- Akiachak: CHP Feasibility Study
- Mountain Village: WTH Design Review
- Metlakatla: Heat Pump Design Review
- Unalakleet: Power System Trouble-Shooting, Financing Assistance
- Scammon Bay: HR Feasibility Study
- Togiak: HR Feasibility Study
- **St. Mary's**: Financing Assistance
- Quinhagak: Financing Assistance
- Arctic Village: Material Take-Off (Solar)

- Mertarvik: HR Feasibility Study, Financing Assistance
- Chugachmiut: Multi-Community Solar Feasibility Study
- Golovin: General Project Development Assessment and Guidance
- Chistochina: Energy Audit
- Ahkiok: Renewable Resource Data Collection, Educational Material Development
- **Elim**: Financing Assistance
- **Brevig Mission**: Financing Assistance
- Stebbins: Heat Recovery Optimization
 Training
- Hoonah: Hydro Feasibility Study



TA: UVEC Optimization Study



TA: UVEC Funding
Application
Development



\$356,354* Awarded TA: Newtok HR Feasibility Study



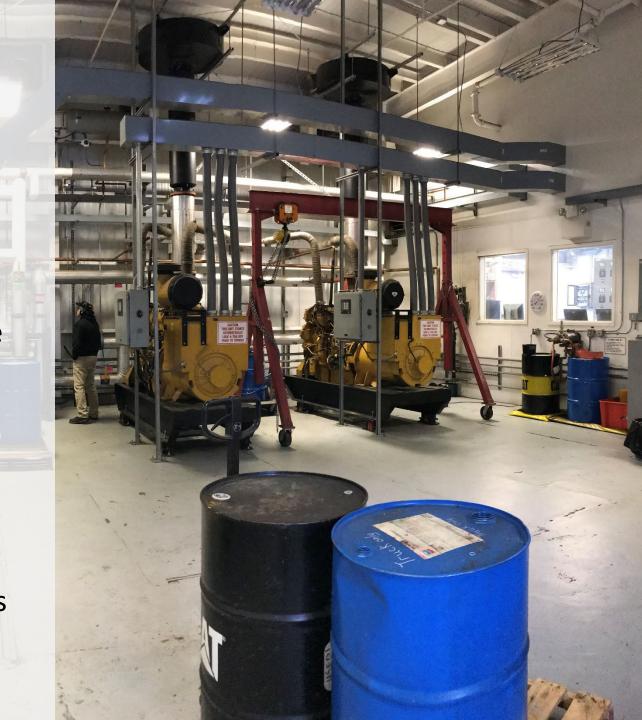
TA: Newtok Funding
Application
Development



\$638,942* Awarded

Impact: Capacity Built Through DOE TA Work ToDate

- Grant writing skills
- Microgrid modeling
- Weather station installation, renewable data collection
- Navigating the State Revolving Loan fund application
- New engineer shadowed team of experts on power system troubleshooting
- New engineer shadowed PE contractors on heat recovery feasibility
- Participation in regional events



Impact: Collaboration and Relationships

Akhiok Renewable Resource Data Collection Project



KODIAK AREA NATIVE ASSOCIATION









Challenges

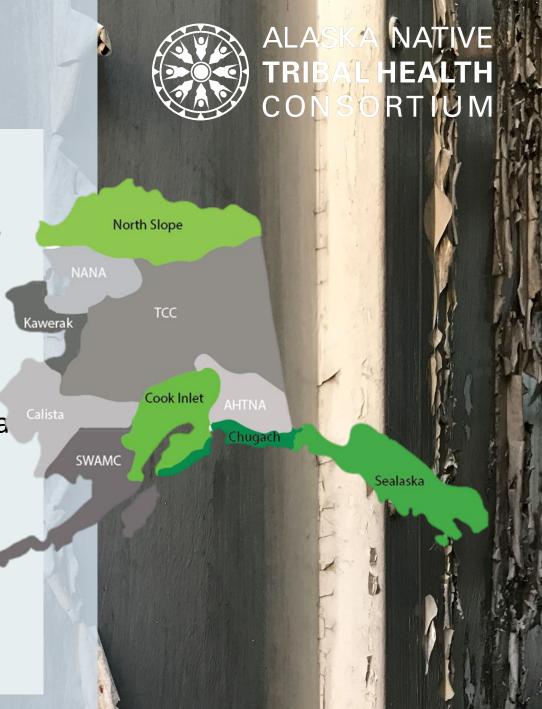
- Narrow original scope
- Limited response within focus regions
- Slow to hit our stride
- Quickly spent down subcontracting funds
- Grant management changed hands
- Maintaining level of TA service after grant runs out

Proposed Changes - Modified Original Deliverables

Continued provision of TA as requests arise.

Focus on sustainability - enhancing ability to provide TA into the future.

- Standardization of services offered
- Targeted training of ANTHC TA providers
- Improved informational/outreach materia
- Ongoing outreach and support through participation in regional and statewide events
- Deepening energy consciousness within other ANTHC departments



In Summary

Benefits:

- Successfully funded/funding 37 instances of TA to date that move community energy projects closer to implementation.
- Enhancing ANTHC's capacity to provide continuously improved TA
- Crucial in facilitating community access to infrastructure funding
- Strengthening relationships with regional energy drivers, utility providers, community leaders and contractors

Main challenge:

 Continuing to fund direct technical assistance services after this funding runs out











START

3

STOP -

THANK YOU!

Bailey Gamble Energy Management Engineer

bbgamble@anthc.org

(907) 729-4501

ENGINE CONTROL



















