

# BBNC STORY



“Enriching  
Our Native  
Way of Life”

Bristol Bay  
Native Corporation  
Mission Statement

Tiel Smith  
Resource Manager BBNC



## BBNC Story

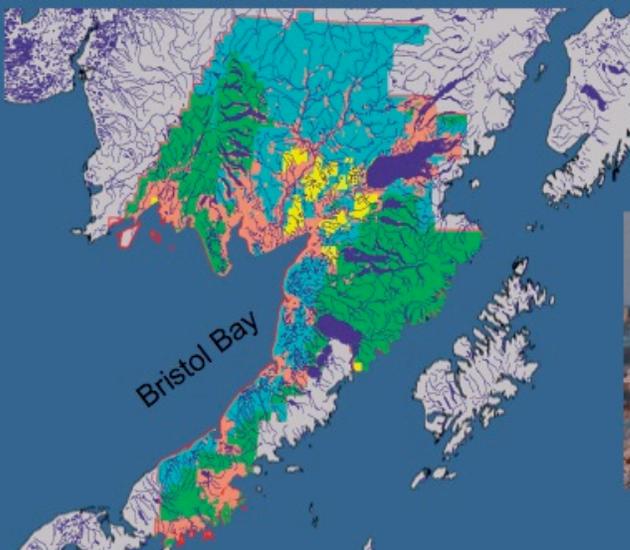


1. Region
2. Corporation

# Region



- 150 miles SW of Anchorage
- 34 million acres
- 29 villages
- Yup'ik, Aleut, and Athabascan
- Salmon watershed



-  • Conservation Lands
-  • State Lands
-  • Native Lands
-  • Federal Lands



- Subsistence
- Commercial Fishing
- Government
- Tourism
- Construction



BBNC Story

## Corporation



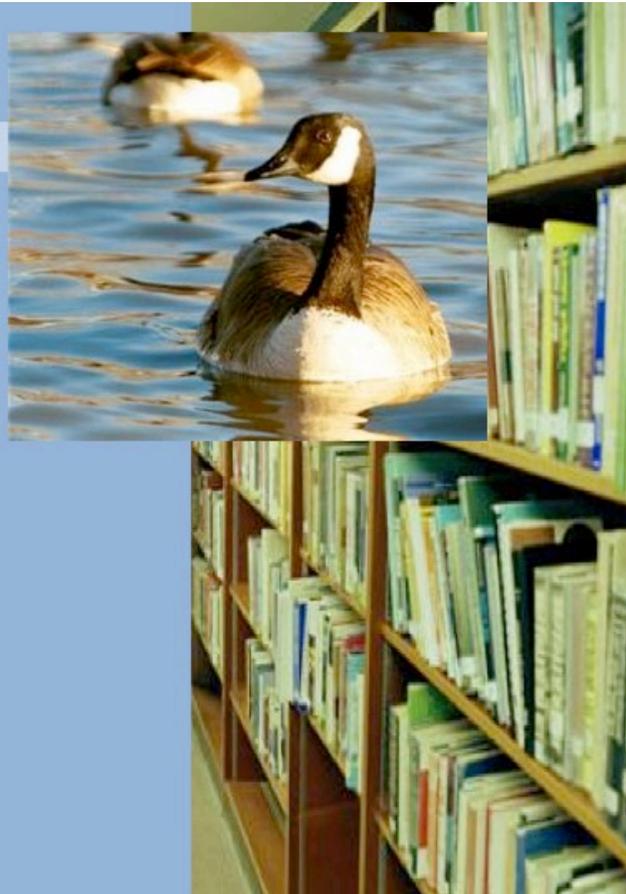
- BBNC is one of only four regional corporations to add money to the original shareholders' endowment



- Revenue ~\$1.5 billion
- Investment portfolio >\$100 million today
- Dividends have increased steadily from \$1 to \$8.60 annually—totaling over \$75 million since 1971



- Formed educational foundation with endowment in order to grant scholarships:
  - Given over \$1.5 million
- Established shareholder management training program, *Training Without Walls*



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# **Bristol Bay Renewables**



**Wind Feasibility Study  
Bristol Bay Region  
Alaska**

**Tiel Smith  
Resource Manager BBNC**



## Grant Events



1. Objectives
2. Factors
3. Participants
4. Beginnings
5. Village Reports

### Grant

## Objectives



- Grant awarded September 2003 thru December 2006
- Install met towers, sensors, and data loggers
- Analyze wind data
- Assess existing power systems
- Survey renewable energy resource possibilities
- Perform computer modeling and economic analyses of wind power viability



## Factors

Site considerations:

- Land ownership and use
- Geotechnology for foundations
- Possible historical and cultural resources
- Bird issues
- Equipment access for construction
- Access to power lines



## Participants

Feasibility Study was cooperative effort financially and technically:

- Bristol Bay Native Corporation: personnel time and travel expenses for met tower installations and modeling and data management
- Alaska Energy Authority: purchase of met towers and data loggers, plus payment for equipment shipping
- Alaska Village Electric Cooperative: labor and other expenses for New Stuyahok and Togiak
- Individual Villages/Local Utilities: labor support and other expenses



Grant

## Beginnings

Dillingham

October 2003

### **Project Kickoff:** SW Alaska Wind Energy Workshop

- Collaborative effort of BBNC, AEA, NREL, and 50 participants from W Alaska and Aleutians
- Discussed wind power development in SW Alaska



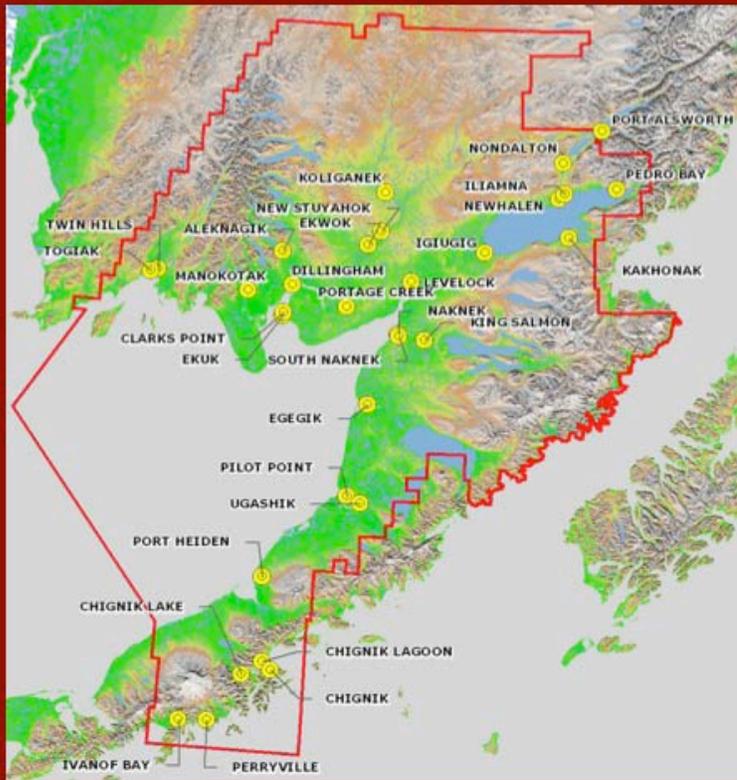
Grant

## Village Reports

Villages monitored for wind resource:

- Dillingham/Kanakanak (2 locations)
- New Stuyahok
- Togiak
- Perryville
- Clark's Point
- Koliganek
- Naknek/King Salmon (2 locations)
- Kokhanok
- Manokotak





- **Geothermal:** currently partnered with NEA and APC to explore for geothermal in Naknek area.

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