



Wind Capabilities Presentation

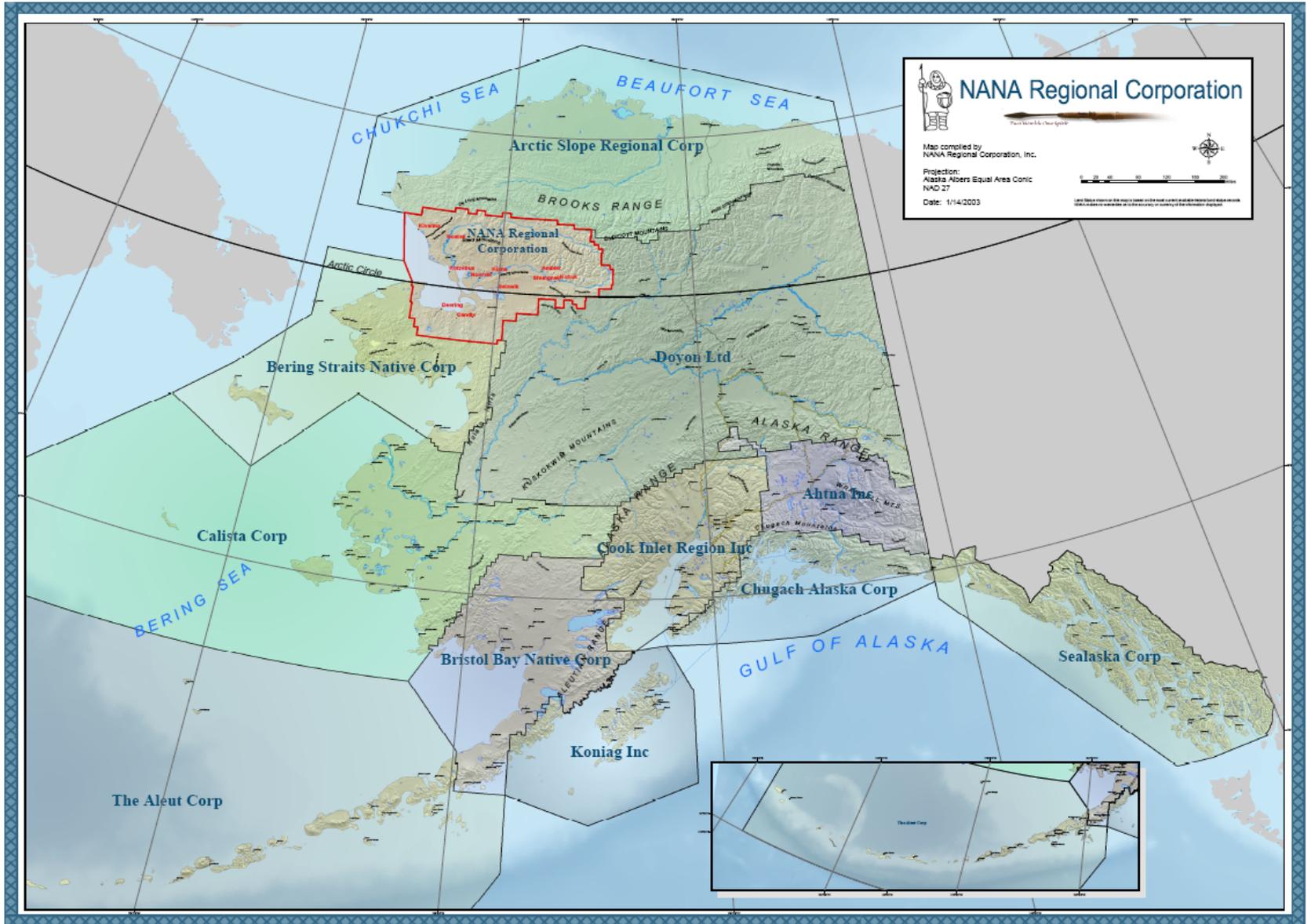
**Pioneering
Wind-Diesel
Projects: Kotzebue &
Selawik**



Our parent corporation: NANA Regional Corporation

- Alaska Native Corporation (ANC) owned by Inupiat people of the Northwest Arctic Region
- 1 of 13 original regional Alaska Native Corporations (ANCs) created by Alaska Native Claim Settlement Act (ANCSA)
- Region is 38,000 square miles, encompasses 11 remote villages, home to 11,400 shareholders
- “Tribal Members/shareholders” (Inupiat Eskimos) who live the subsistence lifestyle





NANA Regional Corporation
Map compiled by
NANA Regional Corporation, Inc.
Projection:
Alaska Albers Equal Area Conic
NAD 27
Date: 1/14/2003

Scale: 1:1,000,000
This map is intended for general information only and should not be used for navigation or other purposes. The map is not a substitute for a detailed map or other information.

This is NANA | NANA Regional



- Regional Native corporation for the NW Arctic region- based in Kotzebue
- 7,200 people living in 11 communities or villages; total 11,000 shareholders
- NW Arctic Borough: governing body for the region.
- Encompasses 38,000 square miles, about the size of Indiana.
- Business expertise: Natural Resources (Energy), Engineering & Construction
Facility Operations and Maintenance

This is NANA: Alaska Native Claims Settlement Act

- Congress enacted ANCSA in 1971
- NANA is one of 12 Alaska Native-owned regional corporations
- Land transferred from federal to private ownership and to manage investment
- Alaska Native People would guide development and investment

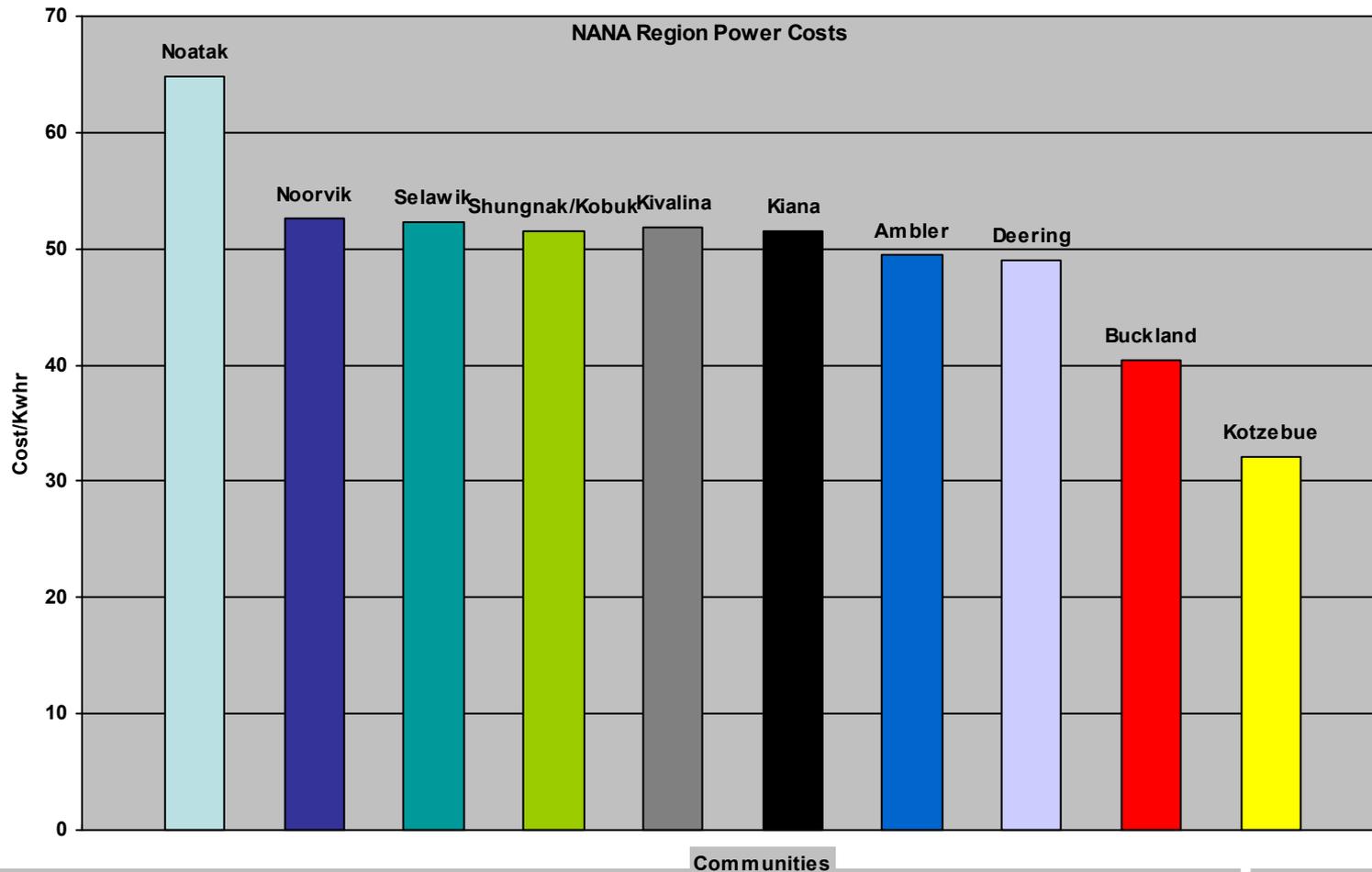


NANA Region Energy Challenges



- 200 miles from the nearest road
- River Barge & Air Delivery of all consumables
- Forefront of Global Warming: erosion, permafrost, & transportation corridors
- Remote Grids & Power Delivery

Regional Energy Costs



Our Solution: Regional Energy Security

- Three distinct projects
 - Strategic Energy Plan (NANA SEP)
 - NANA Geothermal Assessment Program (NANA GAP)
 - NANA Wind Resource Assessment Program (NANA WRAP)
- DOE/NREL funded
- NANA Pacific – Technical Services Contractor
- NANA/Colt – Engineering Contractor
- Execution Partners
 - Kotzebue Electric Association
 - Alaska Village Electric Cooperative
 - NW Arctic Borough
 - Manilaaq
 - Alaska Energy Authority
 - Mining interests in the region



NANA Pacific Today: Building on our strengths



Benefits to our shareholders and to our clients



NANA Pacific

- Established in 2001
- Government contractor specialty
- 5000 + NRC; 100 total employees NANA Pacific
- Management & Technical team: Engineers, construction managers; technical support and project personnel
- Engineering support provided by NANA Colt, WH Pacific, Dowl Engineers, and Sivuniq
- Expertise supplemented via technical services contractors



NANA Pacific: Business & Government Contracting

- Business relationships with small and large businesses
- Professional Services for key government agencies and commercial entities including:
 - US Northern Command
 - National Guard Bureau
 - Air National guard
 - Army Corp of Engineers
 - Oil and Gas Industry, including Conoco Phillips & BP Exploration
 - Utilities
- Competitive Advantage in government contracting
 - DCAA compliant accounting and procurement
 - Understanding of government contracting principles
 - Sophisticated contract and government contracting professionals



Energy Projects

- Remote Monitoring and Management
- Real-time world-wide visibility and control of military and commercial enterprise assets
 - Mobile and Fixed Assets
 - Land and Sea Assets
- Energy Infrastructure Planning and Implementation
 - Feasibility studies
 - Development and Design Management
 - Implementation planning and management
 - Operations and Management
 - Installation Management



NANA Pacific: Renewable Energy & Power Systems

- **Capability**

- Pre-engineering, Planning, and Feasibility Studies
- Engineering/Design
- Construction Management
- Installation and Commissioning

- **Technology**

- Feasibility Studies
- Power Control Systems
- Renewable Power Systems
- Energy Efficiency Solutions
- Remote Monitoring

- **Clients**

- Federal, State, and Local Government
- Industry (Oil & Gas, Mining, etc)
- Rural Utilities
- Native Corporations
- Private Developers



Power & Energy: Project Experience

- **Duck Lake Wind Farm/Utility Scale Feasibility Study and Pre-Construction Program**
- **Wind Resource Assessment Programs for the NANA Region**
- **Geothermal & Wind Development**
- **Wind/Diesel Bulk Fuel Conceptual Designs for AVEC, KEA**
- **Rural Diesel Generation Upgrades and Replacements, Detailed Design, Procurement, Construction Support for AVEC**
- **Power Distribution and Line Extension (Port Mckenzie & Rural Alaska)**
- **Electrical Distribution System Assessment & Rehabilitation (Umm Qasr, Iraq)**
- **Emergency Power Generation and Distribution Equipment Reliability Evaluation**
- **Construction Management Projects/Various USG Projects**
- **Backup Power Generation and Distribution Control Systems, BP Central Gas Facility**
- **Golden Valley Electric Association 120MW Combined Cycle Power Plant**
- **BP CGF Backup Generation Control System**
- **Alaska mining interests- pre-feasibility study & wind resource assessment**

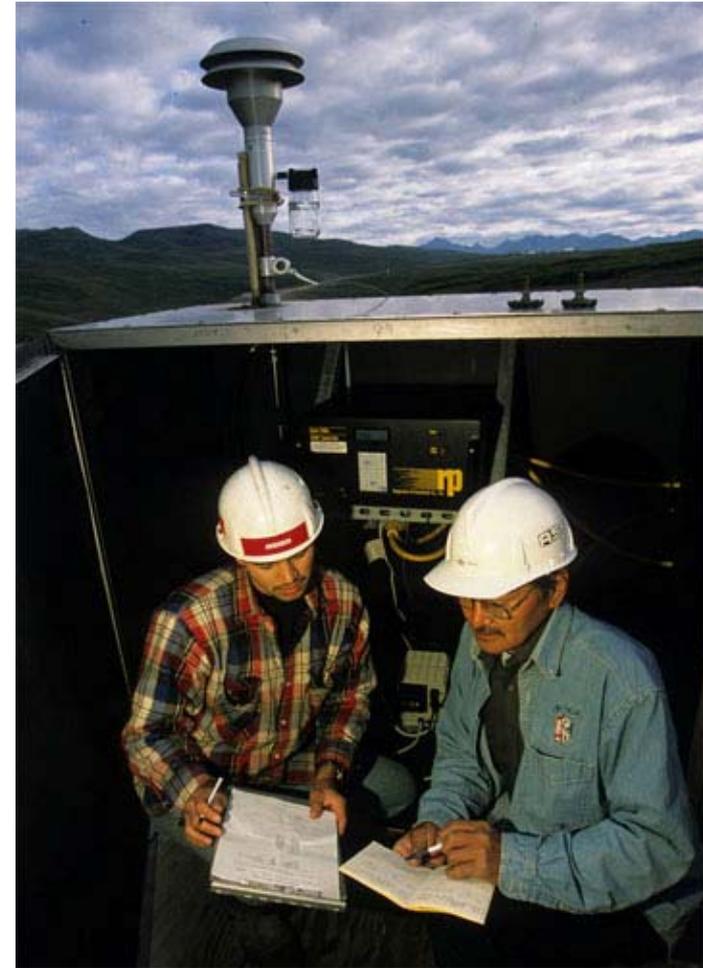
NANA Pacific and The 8(a) ANC Advantage

- **ANC Special Provisions**
 - 13 regional Alaska Native Corporations (ANC) created by Congress through the 1971 Alaska Native Claims Settlement Act
 - 11,000 Inupiat shareholders
 - 100% of proceeds go to shareholders.
 - Extensive financial resources to support shareholders and subsidiaries
 - Special Privileges Granted by SBA and FAR: Ref. 134 CFR 124, 123, 311(b), FAR 19.805-1
- **ANC Advantages - Special Privileges Granted by SBA and FAR**
 - Small Disadvantaged Business under 8(a) ANC Contracting Rules
 - Easy to implement contracts – direct set aside
 - Partnership approach for Task Order Development and Costing
 - Flexible Prime-Subcontractor solutions
 - “No Protest” for contract and task order awards
 - Unlimited contract value threshold vs. other 8(a) Small Businesses
 - Can be directly awarded without normal proposal bid process
 - Authorized Direct Conversion under A-76 Process



Renewable Energy & Power Systems Summary

- **Overall**
 - Core Growth Area going forward
 - Niche Market
 - In-house, NANA expertise
 - Existing backlog and significant prospects
 - Leverage our government contracting expertise
- **Bringing benefits to NANA**
 - Profits
 - Lead role reducing power costs in the NANA region
 - NANA Region Energy Plan
 - Support Shareholder hire/development
- **Outlook**
 - Energy leadership
 - Remote power and isolated grids
 - Advancing Science and Technology
 - Business Operations
 - Infrastructure Development and Site Operations
 - Security and Emergency Management



Contact Information

Joanne Keys

President

NANA Pacific

907-301-7403

jkeys@nanapacific.com

Joe Mathis

Vice President, Alaska Operations

NANA Pacific

907-223-2121

jmathis@nanapacific.com

Jay Hermanson

Business Development

NANA Pacific

907-257-1742

jhermanson@nanapacific.com

Susan Lambert

Business Development

NANA Pacific

303-888-2415

slambert@nanapacific.com

Stuart Parks, PE

Strategic Planning & Business Development
Manager

NANA/Colt Engineering, LLC

907.375.2574

sparks@nana-colt.com

Thank you

