Gunalcheesh!
(Thank you)
My Turn

Peter Naoroz
General Manager
Kootznoowoo, Inc.

Final Design Grant
No Construction
Previous work done by HDR, Alaska
Cost Reduction
Recognize

- Angoon Community Association
- City of Angoon
- Sealaska Corporation
- Central Council of Tlingit and Haida Indian Tribes of Alaska
- Inside Passage Electrical Cooperative
- Our Neighboring Communities
- Our First Nation Brothers and Sisters
- DOE, USDA FS, BIA
- You
Current Electric Situation

- 67 cents per kW
- ½ of that cost is utility G&A and Non Energy
- State Subsidy
  - Applicable only to Residential
  - Industrial Rates are higher
- We understand Conservation
  - Highest energy ratings on our freezers
  - Energy efficient lighting is also understood
- Excellent Housing Authority
Core Project Team

- DOE
- State of Alaska
  - Matching Funds
  - $7,000,000 of construction funding
  - Regional Energy Plan
- USDA Forest Service
- Alaska Power and Telephone (AP&T)
Angoon’s Energy plan

Angoon Community Association
City of Angoon
Kootznoowoo, Inc.
Recognized our traditional lands
Recognized diversity of energy resources
Tides, Coal, Wind, Hydro
  Who Will Stop the Rain? -- CCR
Biomass – Sealaska
Regional orientation
  Firming, storage and magnitude
  Our people are on both sides of the US / Canada border
  ANCSA provides us Angoon and POW lands
Federal or State Waters

Admiralty National Monument
PROCLAMATION BOUNDARY

Legend
- Proclamation Boundary
- Freshwater Lakes
- ANM District Boundary

Proclamation Boundary
Approximate Square miles of salt water within Proclamation Boundary: 691
Approximate Acres of Intertidal zone within Proclamation Boundary: 35,555
Approximate Acres of freshwater within Proclamation Boundary (lakes only): 14,613
Angoon National Monument & Kootznoowoo Wilderness

- Long history - 10,000 years
- Winter Community
- Modern Era start with President Carter’s Proclamation
- ANILCA
  - Title V
  - Title VIII
  - Title XI
- Energy Policy
Working & Standing Together

- MOU among Tribe, City and Kootznoowoo
- Indian Reservation Roads (IRR)
  - Meeting with Tribal Council in preparation for this meeting
  - Selection Criteria for Contractors
  - Local Hire
  - AP&T relationship with traditional Villages
- Utility Structure
- Regulatory Structure
Colonial Mentality

- Russian America
- British Columbia
- Manifest Destiny
- Treaty of Peace
- Telegraph line
- Missionary Period

- Where does Community Fit?
Colonial Plan

1882 Telegraph

Part of the Race to Russia
Lost to the Atlantic
Hook Naval Stations of San Francisco and Sitka
Priority was National Security
Wrangle and Angoon along route
Current Situation & Priorities

- “Have” and “Have Not” Communities
- Colonial v Native Indigenous
- Social Injustice
- No Growth
- Population Decline
- Why no postage stamp?
- Lack of transmission infrastructure
New Southeast Intertie Plan needed
Congressional Authorization in Place
Price signals
Incredible Potential
Tribal Governance Opportunity
Angoon is only “village” in Southeast Alaska with Broadband through fiber options
- Cable landing station
- Need for redundant fiber
- Remote monitoring and management of Thayer
- Tidal Testing and Demonstration Site
- Micro Grid
- 100 Mile Segment of 400 Mile “North South” Backbone
Lessons Learned

- Importance of planning
- Patience on results
- Measure carefully social injustice
- Don’t accept mediocre results
- Planning
- Work only with realistic engineers
- Understand your role in the market
- Have confidence about your future and Tribal resources
- Importance of DOE
Next Steps

- Thayer
  - Modify Record of Decision with USDA FS
  - Finalize Design and Business Plan
  - Build

- Regional Energy Plan Update
  - 20 Communities Rate Disparity
  - BC interconnect
  - OATT
  - Tongass Plan must include an Energy Component

- National Level Policy
  - Get Realistic about Renewables
  - Free Market will bring Tidal and Wind to Region
Summary

- Fully implement 08-01
- First finishing design of Thayer at largest generation capacity 6.2 MW and 35 GWh potential (fall back if necessary under plan of finance)
- Affordable power to a community of 1000 plus citizens
- Commercial Power for industry in POW
- Strengthen the Grid from a National Standpoint and Contribute to National Security
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