Kootznoowoo’s
Thayer Lake
Hydroelectric Update

U.S. Department of Energy
November 17, 2009
Tribal Energy Program
Thayer Lake Report

- Brief Summary of Tribe
- Project Overview - video
  - Accomplishments
  - Lessons Learned
  - Activities Yet to Be Completed
- Future Plans
Angoon

- Angoon and its people
  - Time immemorial
  - Only year round community in wilderness and monument
  - 400 residents with potential to grow
  - Current spot demand of 600 kW
  - Commercial Rate unsubsidized $.55 kW

- Admiralty Island and the Tongass
  - Considerable hydroelectric potential
  - Balance established in ANILCA
Hydro Potential in area

- Considerable
  - 1947 Water Powers Study
  - Forest Service and Federal Power Commission
  - 200 hydro sites described in Southeast

- Thayer Lake
  - Potential power – 12,000 horsepower
  - Run of the river
  - Ready to build – mobilize in spring
It’s Only Natural

- Circa 2000
Accomplishments

- Angoon adopted written Energy Policy
- Fiber Optics and Telecommunications
- FEIS and ROD – Summer 2009
- City of Angoon and ACA’s top Priority
  - Fully engaged with administration
  - Applied to State Renewable Energy Fund
Partners in Energy

- City of Angoon and Angoon Community Association have described this project as the community’s #1 priority
- We see DOE as incredible addition to our existing relationships with Interior and Agriculture.
- UNESCO Biosphere Reserve
Our Future Together

- Construction phase
- Healthy community phase
  - Building supplies
  - Retail sales
  - Other regional hub drivers
- Population of 1200 to 1500 within 50 miles
- Avalanche free Intertie potential to regional grid
Kootznoowoo’s Focus

- Investments in Angoon
  - Build out home sites
  - Grow community
  - Locate year round business
- Energy Investments
  - Green production – Tidal and Wind Partners
  - Encourage shareholders to get certificates and training in the new Green Economy
  - Conservation (15% return)
Activities to be completed

- Need to encourage Congress and the Administration to consider certain types of hydro be considered renewable for economic environmental attributes.
- Need to encourage better State/Regional Energy Policy that attracts outside capital
- USFS TLMP decision must be amended to address energy
- Working collaboratively with Energy Partners to address regional concerns
The Future

- Complete Preconstruction activities and permitting
- Tidal Potential
  - 12 knot current
  - Natural Currents
- Research & Development
- Wind Potential in POW