

# Kootznoowoo's Thayer Lake Hydroelectric Update

U.S. Department of Energy  
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Tribal Energy Program

# Thayer Lake Report

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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