Supporting Industry Growth and Community Prosperity with Reasonably Priced Renewable Energy

Mahoney Lake Hydroelectric Development Consortium

“Supporting Industry Growth and Community Prosperity with Reasonably Priced Renewable Energy”

Contact:
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Advanced Development Conditions

Mahoney Lake
9.6 MW, 41.6 GWH
Lake Tap

- FERC License Received. (Project very well understood)
- 5 Miles From Existing Transmission Lines
- $4,000,000 Investment to Date (Cape Fox / AP&T)
- Estimated Construction Cost of $46m (+/- 20%)
- Proximity to Economic Opportunities (Marine Industry, Potential Ore Processing Sites)
- Access Roads Complete – Connected to Ketchikan Road System

Mahoney Lake Hydroelectric Development Consortium
Saxman’s $1m Pre-Construction Request for Mahoney Lake:

Responding to your questions, and informing better decision-making by local/regional leadership

“What will it cost to build this project?”

“What will power sales agreements look like?”

$1 million request will reduce remaining unknowns / margins of uncertainty to provide quality answers. (CONSISTENT WITH SEIRP INVESTMENT RECOMMENDATIONS)
Saxman’s $1m Pre-Construction Request for Mahoney Lake

Task 1: $400,000
PERMITTING ACTIVITIES
Examine existing permits and determine whether permits require reissuance or update.

Task 2: $400,000
FERC FINAL DESIGN
A final design was submitted to FERC just prior to a stay being placed on Mahoney Lake’s license. The stay went into effect before FERC could complete a review and offer commentary on the design. Saxman will submit a new final design to FERC, which will reflect any new permitting conditions.

Task 3: $200,000
COST ESTIMATE UPDATE
Cost estimate will be updated based on outcomes of tasks 1 and 2. Updates will be performed with assistance from experienced construction contractors (NOT just by an engineering firm), to provide the greatest degree of accuracy possible.
Well-Established Regional Support:

#3 SFY2014 Joint Regional Priority for City of Ketchikan, Saxman, Ketchikan Gateway Borough

Heatherdale Resources (Niblack Mine)
Alaska Ship and Drydock
Ketchikan Chamber of Commerce
Southeast Conference
Alaska Native Brotherhood / Alaska Native Sisterhood
Organized Village of Saxman
Ketchikan Indian Community
Ketchikan Gateway Borough School District
Proximity to Economic Opportunities

- Mining
- Data Centers / Tech Development
- Advanced Manufacturing
- Tourism: Cruise Ship Plug-Ins?
- Ward Cove
- Support for Offshore Oil / Gas Sector
- Support Role for Arctic Development / National Defense
- New Investment in Saxman / Ketchikan Area
- Ports and Harbors
- Mahoney Lake Hydroelectric Development Consortium
Support for a Growing Community

Community Connections

- Mahoney Lake Hydroelectric Development Consortium
- KIC SSEATEC Training Center
- Mahoney Lake
- Hospital Expansion
- Performing Arts Center
- New Library
- Ketchikan Shipyard
- School District

Additional Projects:
- WISH: New Shelter

Organization Logos:
- A&P
- City of Saxman
- Cape Fox
- Other logos not readable
Mahanoney Powerhouse

Cape Fox Property:
-- Viable location alternative for ore processing
-- Discrete, privately-owned lands with history of industrial use, and existing permitted waste sites.

Ore Processing Facility – ALASKAN JOBS

Deepwater access, navigation routes for VLCC-class Tankers

Existing Road / Transmission Corridor – 2.5 miles from Mahoney powerhouse to existing waterfront industrial property.

Upper Mahoney: Lake Tap @ 1,850 ft.

Connected to Ketchikan by Road (17 Miles)
LET’S PUT OUR RESOURCES TO WORK!

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City of Saxman
May, 2012