



MORE CREEK HYDRO ELECTRIC PROJECT

Green Power Generation In
Northwestern British Columbia

Project Details

- The More Creek project will have a 75 MW hydro electric generator plant and a 84 m high and 300 m wide poured concrete arch dam producing 448 Gwh of electricity annually
- The Power House will be on surface and is approximately 400 metres downstream from the More Creek storage dam. Water from the dam will run through a 400 long, 5.5m diameter water tunnel into a steel penstock and be diverted into three 25 MVA rated turbines

Project Details (cont.)

- The tailrace discharge will flow back into the More Creek main channel at its confluence with Iskut River.
- The reservoir will extend almost 20km upstream and inundate 2880 ha. It will have a live storage capacity of 870 million cubic metres of water

More Creek Canyon



Project Location

- The More Creek project is located 985km Northwest of Vancouver, 130km North of Stewart BC,
- Road Access is 12 km off Highway 37 at Bob Quinn Lake via the old Eskay Creek mine and NovaGold's Galore Creek access roads
- Interconnection to B C Hydro's Northwest Transmission line will be made at B C Hydro's Bob Quinn Substation, 12km from the More Creek hydro project.

Project Location (cont.)

- The More Creek project is located on the traditional territory of the Tahltan First Nation
- The More Cree Creek project shares the Iskut River watershed with AltaGas' 195 MW Forrest Kerr Project, 19.5 Volcano Creek and 66 MW McLymont Creek projects.

Project Status.

- Prefeasibility Study completed with positive results. Optimizing revenue potential and capital costs underway
- Project Description, the first step in the Environmental Review Process completed, filed and circulated to public, stake holders and First Nations.
- Estimates of carbon offset potential vis a vis cold fired and natural gas electricity generators completed

Project Status (cont.)

- Forrest Kerr project has potential to increase capacity utilization with managed water release from the More Creek project
- More Creek Dam Facility Can maximize and optimize Alta Gas' daily Peak Production
- Proposed Dam Facility Can Provide BC Hydro With Added Power At Peak Load Times
- Adds capacity, reliability and stability to B C Hydro's Northern Transmission Line.
- Supply additional power to meet growing demand for energy in north west BC
- Tahltan First Nation are stake holders in 3 existing hydro projects in their watershed

Project Economics

- Estimated Permitting Cost...\$3 million
- Estimated Construction Costs including construction financing \$238 million
- IRR 33.61%
- Net Present Value \$154 at 10% discount.
- Average annual revenue \$44.8 million at \$0.10 kwh
- Average annual generation 448 Gwh

Project Opportunities

- Expansion to 175 MW and 700 GWh annually based on B C Hydro' preliminary design for More Creek
- More Creek will generate clean green renewable energy which will give the Company the opportunity to sell Renewable Energy Credits. The value to generators using coal is approximately \$10 million per year and generators using gas, \$5.8 million per year.

Project Opportunities (cont.)

- Project financing could be structured to use accelerated flow-through write off
- AltaGas' 195 MW Forrest Kerr run of river plant, down stream of More Creek could benefit from water regulation and increase generation by 149 Gwh annually.
- Additional revenue potential from supplying (peaking) capacity to the grid.
- Additional revenue potential from pump storage.

Aerial View



Company Details

Board Of Directors

Cliff Grandison, Director, Co-Chair and President

- Mr. Grandison has been a self-employed consultant since 1992. He served as CEO and as a director of Coast Mountain Power Corp. from incorporation in November 2000 until September 2006 at which time the Company was acquired by NovaGold Resource Inc.
- Coast Mountain advanced the Forrest Kerr project to the fully permitted stage and it was ultimately acquired by NovaGold for aggregate consideration of \$43.5 million

Board Of Directors

Cliff Grandison (cont.)

- Mr. Grandison also served as a director of Kimber Resources Inc., a company listed on the Toronto Stock Exchange and the NYSE Amex, from December 2003 to December 2006 and Skyline Gold Corp From 1992 to 2016. Mr. Grandison received a Bachelor of Arts degree from the University of British Columbia in mathematics and economics in 1963.

Board Of Directors

Michael Hoole, Director

- Mr. Hoole has been a self-employed consultant since 2008. From 1999 to 2008, he served as Vice President and Secretary of Kimber Resources Inc., listed on the TSX and NYSE Amex. He also served as a director of Kimber from 2002 to 2006 and as an officer of Kit Resources Ltd., listed on the TSX Venture Exchange from 1998 to March 1999. Previously, during his career, he was a senior officer of a number of large multinational corporations in the resource sector. He holds a Bachelor of Laws (1968) and a Bachelor of Commerce (1967) from the University of British Columbia.

Board Of Directors

Matthew Bell, Director & Co-Chairman

- Mr. Bell is a Tlingit Native born and raised in Kake, Alaska. He has served on the city council for the city of Kake and from 1997 to 2010 he was a member of the Board of Directors of the Kake Tribal Corporation. While on KTC Board he was President of Kwaan Power & Energy llc., President of Kake Tribal Fuel Corp. and President of Kwaan Construction llc. Mr Bell is currently a self employed general contractor and serves on the planning commission for the City & Borough Juneau, Alaska.

Gordon Loverin, Director

- Mr. Loverin is a member of the Tahltan First Nation and former Councillor of the Tahltan Central Council.

Board Of Directors

- **Gordon Loverin (cont.)**
- Mr. Loverin is President of T'senaglobe Media which provides media development services assisting resource companies in meeting environmental and disclosure commitments required by the provincial and federal Environmental Process.
- He is also Co-chair of the Northwest Transmission Line Coalition and an Associate member of C3 Alliance Corp. which creates relationships between indigenous peoples, resource businesses, governments and communities.

Board Of Directors

Greg Sunell, Director

- Past President and Director of Synex Int'l, a TSX listed company, involved in consulting, building and operating hydro projects in BC.
- He is a professional engineer and brings a history of design, construction, operation and management skills required for hydro electric projects
- He is also a past director of Upnit Power which developed and operates the China Creek project in Port Alberni, majority owned by the Hupacasath First Nation ro projects.
- He was a director of Coast Mountain Power and involved at the early stages of the Forrest Kerr 195 MW project developed by Coast Mountain that is now owned and operated by Alta Gas.

Share Structure

Outstanding Shares held by others.....	38,368,750
Outstanding Shares held by the Company.....	5,868,853
Options outstanding @\$0.10.....	6,640,000
Warrants outstanding @\$0.10.....	2,050,000

Fully Diluted..... 50,711,103

[Website](http://www.alaskahydro.com/) <http://www.alaskahydro.com/>

Stock Exchange

- Listed TSXV
- Trading symbol AKH

<http://www.alaskahydro.com/>



FOR ADDITIONAL INFORMATION CONTACT

CLIFF GRANDISON
PRESIDENT
ALASKA HYDRO CORPORATION
604 929 3961
www.info@alaskahydro.com

