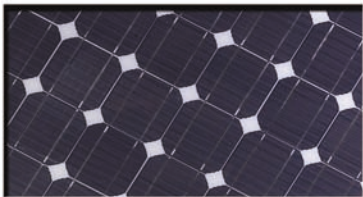




# BEYOND OIL AND GAS

## Developing Alternative Energy Resources On Aboriginal Traditional Lands

**May 31 - June 1, 2004**  
**Sheraton Wall Centre Hotel - Vancouver**



*Global demands for energy are growing, and environmental concerns rising while conventional energy reserves are declining. Canada is well positioned to lead the way in the development of new technologies for alternative energy resources and Aboriginal groups in Canada are well positioned to be strategic partners.*

The Hupacasath First Nation project on China Creek in the Alberni Valley, a micro-hydro project, is one of 16 projects throughout the province, one of four on Vancouver Island, and is part of the largest purchases of green energy in B.C.'s history, providing about \$800 million in private-sector investment and an additional 1,800 gigawatt hours per year to meet the energy needs of British Columbians.

*Reported in the Ha-Shilth-Sa Newspaper, published by the Nuu-chah-nulth Tribal Council - October 9, 2003*

Learn about the Davis Turbine and how it turns tidal currents into power for Aboriginal communities in B.C. Tidal current resources in British Columbia are considerable – power made available from this source with near future technology could provide up to 40% of BC Hydro's power generation.

Join us at this leading edge conference to explore new strategies for development of alternative energy resources and negotiations with conventional oil and gas companies and service industries.

### CONFERENCE CO-CHAIRS

**Regional Chief Shawn Atleo**  
Assembly of First Nations, B.C.

**Chris Robertson - President**  
Co'Se'Ma Communications

*Sponsored by*



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## BEYOND OIL AND GAS

### Developing Alternative Energy Resources On Aboriginal Traditional Lands

MAY 31ST - 8:30am

#### KEYNOTE ADDRESS

*Regional Chief Shawn Atleo*  
*Assembly of First Nations, British Columbia*

#### HARNESSING THE WIND

##### *Weather Dancer 1: Piikani Indian Utilities Corporation and EPCOR*

William Big Bull, Energy Manager, Piikani  
Indian Utilities Corporation  
David Morrow, Power Development &  
Acquisition, EPCOR

- Construction on 72-meter tall, 900 kilowatt Weather Dancer 1 started in mid-August 2001. Weather Dancer 1 is located near Brockett, Alberta, on the traditional lands of the Piikani First Nation. This represents a 20 year dream to get into the renewable energy business
- EPCOR signed a 10-year agreement to purchase all of the energy generated by this turbine



##### *Status of the Canadian Wind Energy Industry & Advancements in Wind Energy Technology*

Philipp Andres, Senior Vice President & General Manager,  
Vestas Canada

- Overview of Canadian markets
- Overview of wind energy technology

#### Coffee Break sponsored by B.C. Hydro

#### TIDAL CURRENT ENERGY

Martin Burger, President and CEO of Blue  
Energy Canada Inc.

- Opportunities and challenges for developing tidal current energy in Canada
- Development and marketing of the Davis Turbine which could result in energy and economic opportunities for First Nations who are situated on rivers or tidal inlets
- Present tidal current energy generation costs, using currently demonstrated technology, appear to be competitive with other Green Energy sources. Future energy costs are expected to reduce considerably as both existing and new technologies are developed over the next few years.



#### GEOTHERMAL ENERGY

##### *Terasen Utility Services & Kamloops Indian Band Sun Rivers Resort & Golf Community*

Dan Manuel, Public Works Manager, Kamloops Indian Band  
John Sainas, P. Eng., Contracts Manager, Terasen Utility  
Services Inc.

The Sun Rivers Resort & Golf Community, located on Kamloops Indian Band lands, is a new community which will at build-out have over 2000 homes. Uniquely, each home in the community incorporates a heat pump and is connected to a utility-provided ground connection loop. Great savings are achieved through the universal installation of heat pumps. The Kamloops Indian Band and Band members are progressive in the use of geothermal heat. Today geothermal heat is used at a school, a gas bar and a grocery store as well as in members' homes.

The case study will describe:

- Different types of heat pumps
- Design and application considerations for installing heat pumps
- Design, construction and operational experiences at Sun Rivers
- Implementation of a heat pump project: steps to take and pitfalls to avoid

12:30pm - Luncheon

#### HYDRO POWER

##### *Private Sector Power Development in British Columbia*

Jim Scouras, Senior Energy Acquisition  
Specialist, BC Hydro

##### *Independent Power Production*

Steve Davis, President, Independent  
Power Producers Association of British  
Columbia

- Recent small hydro IPP projects
- Current IPP activity in B.C.
- First Nation involvement in IPP's

Neil Banera, Director of Independent Power Projects, Land  
and Water British Columbia Inc.

- Regulatory process
- Industry developments and business opportunities

##### *China Creek Micro Hydro Project*

Chief Judith Sayers, Hupacasath First Nation

- The environmentally-friendly micro-hydro project will provide 5.6 megawatts of power to the Vancouver Island power grid, generating revenue for Hupacasath and project partners



4:30pm - Day One concludes

JUNE 1ST - 8:30am

#### SOLAR ENERGY

Richard Wayte, Business Development,  
SPS Energy Solutions

- Financial & environmental benefits of solar for remote and northern communities



Allan Dobie, Senior Consultant, Research and Information  
Transfer, CMHC, B.C. and Yukon Region  
Wendy Phair, Capital Housing Manager, Seabird Island First  
Nation

- Located 5 miles north of Agassiz on the Fraser River in BC, this project is the first of its kind in the world.
- It has assembled a range of strategies, new technologies, innovations, and new projects to demonstrate an integrated approach to sustainable housing.
- Seabird makes the most of heat energy gained from all sources: solar, geothermal and fossil fuel / hydro

#### ETHANOL FUEL

##### *Wood Waste to Fuel Ethanol Process*

Fred Enga, President, Gaian Bioenergy  
(North America) Inc.

- Technology used to produce low-cost ethanol from non-food, marginal requirement plant sources
- Producing the ethanol from woody materials by the fermentation of lignocellulose materials enables the use of quick growing plants, raised on marginal lands, as an energy source, thereby reducing the consumption of fossil fuels and reducing Greenhouse Gases produced.
- Integrated process design enables community scaled Ethanol Production to be deployed into forestry and agricultural centres



#### FINANCING ALTERNATIVE ENERGY PROJECTS

##### *Development of a Resource – Is It Bankable?*

Chris Lambeck, Asst. Vice President, Project Management,  
Manulife Capital

- What is project finance, when should it be used, what are the necessary ingredients and who are the parties providing this form of financing?
- Learn about the contractual approach to mitigating risk, limited recourse to the sponsors and matching debt service to cash flows for the life of the project.
- Current market practices for wind and hydrology resource risk mitigation





### **Financing Partnerships**

Patrick Gillette, Vice President Acquisitions & Corporate Affairs, Canadian Renewable Energy Corporation

- Overview of the issues that a developer must consider when building a project
- Starting point between Developers and First Nations: how they can foster a working relationship
- Negotiations with a Developer
  - When to partner
  - Various options to negotiate either a partnership or compensation from the Developer how both can lead to asset ownership
  - This portion will outline how various agreements can be structured to raise capital

Al Fowler, Vice President, ARC Financial Corporation

- Perspectives from a Risk Capital Provider
  - Profile of a risk capital provider
  - Developing a project step by step
  - Structuring the project's risk capital

**12:00pm - Conference concludes**

### **WHY YOU SHOULD ATTEND**

The development of alternative renewable sources of energy is being pursued across Canada and around the world in an effort to attain greater energy efficiency, environmental protection, and reductions in greenhouse gas emissions. This global challenge has resulted in many successful research projects and fuelled new technologies and unique business opportunities. Aboriginal communities can provide access to a multitude of energy sources on Aboriginal lands besides oil and gas developments and pipelines, which, though they remain the most lucrative, have greater environmental impacts than many alternative sources to conventional hydro-carbon fuels. This conference will present ways in which wind, sun, water and agricultural products can be harnessed to heat houses, fuel industries and provide significant alternative energy sources for communities, municipalities, and businesses. Experts will discuss issues related to developing and financing these energy alternatives and the current relationships with conventional oil & gas exploration, development, processing and delivery services.

#### **Hear about:**

- The 900 kilowatt Weather Dancer 1, which represents a 20 year dream to get into the renewable energy business
- Seabird Island Project, the first of its kind in the world to heat homes with energy from a number of alternative energy sources
- The use of quick growing plants, raised on marginal lands, as an energy source
- How to structure and finance power projects using tax assisted limited partnerships
- Step by step process for developing a project

### **WHO SHOULD ATTEND**

**First Nation Chiefs, CEOs, COOs, CFOs**

**Energy Industry Analysts**

**Oil & Gas development engineers**

**Venture Capitalists and Investment Bankers**

**Investment Advisors**

**First Nation Administrators, including legal counsel**

**Tribal Council Technical Advisors**

**Municipal Officials in Public Works**

**Civil Engineering Firms - Project Managers and**

**Consulting Engineers**

**Housing contractors**

**Architects**

**Environmental & Lawyers in the Energy/Power Sector**

### **CONFERENCE CO-CHAIRS**

**Regional Chief Shawn Atleo**  
Assembly of First Nations, B.C.

**Chris Robertson**  
President  
Co'Se'Ma Communications

### **FEATURED SPEAKERS**

**Philipp Andres**  
Senior Vice President & General Manager  
Vestas Canada

**Neil Banera**  
Director of Independent Power Projects  
Land and Water British Columbia Inc.

**William Big Bull**  
Energy Manager,  
Piikani Indian Utilities Corporation

**Martin Burger**  
President and CEO  
Blue Energy Canada Inc.

**Steve Davis**  
President  
Independent Power Producers Association of  
British Columbia

**Allan Dobie**  
Senior Consultant, Research and Information Transfer  
CMHC, B.C. and Yukon Region

**Fred Enga**  
President  
Gaian Bioenergy (North America) Inc.

**Al Fowler**  
Vice President  
ARC Financial Corporation

**Patrick Gillette**  
Vice President Acquisitions & Corporate Affairs  
Canadian Renewable Energy Corporation

**Chris Lambeck**  
Asst. Vice President, Project Management  
Manulife Capital

**Dan Manuel**  
Public Works Manager  
Kamloops Indian Band

**David Morrow**  
Power Development & Acquisition  
EPCOR

**Wendy Phair**  
Capital Housing Manager  
Seabird Island First Nation

**John Sainas, P. Eng.**  
Contracts Manager  
Terasen Utility Services Inc.

**Chief Judith Sayers**  
Hupacasath First Nation

**Jim Scouras**  
Senior Energy Acquisition Specialist  
BC Hydro

**Richard Wayte**  
Business Development  
SPS Energy Solutions







# BEYOND OIL AND GAS

**Developing Alternative  
Energy Resources On  
Aboriginal Traditional Lands**

**May 31 - June 1, 2004**  
Sheraton Wall Centre Hotel - Vancouver

**How to Register:**

FAX: (416) 925-1709

Reserve your place by faxing the completed registration form.  
Include credit card information for payment, or send your cheque  
by mail.

EMAIL: [aboriginal.forum@on.aibn.com](mailto:aboriginal.forum@on.aibn.com)

MAIL: Send your completed registration form and cheque to:

*Aboriginal Forum Ltd.  
5 Cedarland Drive  
Toronto, ON. M9A 2J7*

**QUESTIONS?** Call (416)925-0866 or 1-800-443-6452  
Toll Free 9am-5pm ET.

**Registration Fee**

Fee for the two-day conference is \$995.00. Add 7% GST to all  
amounts. If you are GST exempt, please provide a GST  
exemption number with your registration.

Payment must be received in advance of the program.

Please make cheques payable to **Aboriginal Forum Ltd.**

**Register Three and Send the Fourth for Free:** When three  
people from an organization register and pay in advance, a fourth  
person from the same organization can attend the conference for free.

**Cancellations**

Full refunds, less a \$100 administration fee, will be given for  
cancellations received in writing by May 15, 2004. Whereas  
refunds cannot be given after this date, you may substitute  
delegates at any time.

**Conference Venue and Hotel Reservations**

The conference will be held at **The Sheraton Vancouver Wall  
Centre Hotel**, 1088 Burrard Street, Vancouver.

Hotel reservations can be made by calling (604) 893-7120 or  
1-800-663-9255 or email [reservations@wallcentre.com](mailto:reservations@wallcentre.com).

We have reserved a block of rooms at a preferred rate. Please  
book your hotel room by May 7th to ensure availability. Specify  
you are with the **Aboriginal Forum** group.

**Aboriginal Forum Ltd. reserves the right to change program date,  
meeting place or content without further notice, and assumes no  
liability for these changes.**

**Please reserve a place for me and my colleagues at BEYOND OIL AND GAS: Developing Alternative Energy  
Resources On Aboriginal Traditional Lands \* May 31 - June 1, 2004 \* Vancouver**

1	_____	_____	@	_____ \$995.00
	Mr Mrs Ms	Name		Position
2	_____	_____	@	_____ \$995.00
	Mr Mrs Ms	Name		Position
3	_____	_____	@	_____ \$995.00
	Mr Mrs Ms	Name		Position
4	_____	_____	@	_____ FREE
	Mr Mrs Ms	Name		Position

Subtotal \$ \_\_\_\_\_

GST # 875069023

\* plus 7 % GST \$ \_\_\_\_\_

\*GST exempt parties must provide a GST exemption number with their registration

TOTAL: Inclusive of Tax, Documentation, Luncheon & Refreshments \$ \_\_\_\_\_

Company/Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_

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( ) Enclosed is my cheque for \$ \_\_\_\_\_ payable to Aboriginal Forum Ltd.

( ) Please charge the amount of \$ \_\_\_\_\_ to my credit card

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Name \_\_\_\_\_ Cardholder Signature \_\_\_\_\_

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