

## WADE Canada Midsummer News

June 24, 2009

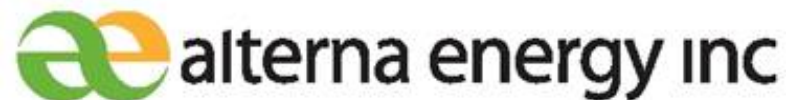
### Our First Feature Member – Alterna Energy Inc.

Alterna Energy is based out of Prince George, British Columbia. Alterna is a company focused on the manufacturing of biocarbon from products, such as wood, municipal and agricultural waste and tires.

Alterna Energy became a member of WADE Canada in September 2008 and is seeking business development opportunities with:

- biomass suppliers,
- power producers looking for renewable energy alternatives and
- financing organisations.

[Click here](#) to see the full Feature Member story.



### Our Feature Project - Greenhouse Cogeneration with CO2 Fertilization

DDACE Power Systems worked closely with Soave Hydroponics to install a 12 MW cogeneration system at their Great Northern Hydroponics greenhouse complex in Kingsville, Ontario. The cogeneration system provides heating and CO2 for the greenhouse, while power is being sold under a 20 year contract with the Ontario Power Authority. The project represents the first Jenbacher greenhouse cogeneration plant in North America.

[Click here](#) to see the full Feature Project.



We are pleased to welcome [Northwest Territories Power Corporation](#) as a new member of WADE Canada.

Northwest Territories Power Corporation is responsible for generating and delivering power across the Territory. Unlike southern Canada there is no transmission grid in the NWT. The distance between small population centres makes it uneconomic to build an integrated transmission system. Therefore, NTPC operates 28 separate power systems, serving a population of approximately 42,000 that spans more than 1.2 million square kilometres.

Today, hydro electricity accounts for 75% of all energy sold to NTPC customers. It's renewable, insulated from fuel price volatility, and emission free. Displacing diesel systems is a priority in the NWT. Since 1990 NTPC has reduced diesel consumption by 75% and cut greenhouse gas emissions by 58%.



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### 2009 DE Industry Survey - Last Call!

The on-line survey will close on Friday July 3.

Many of you have submitted your experienced views. In the preliminary results you are telling us that:

- combined heat and power, solar thermal, wind, waste to energy, bioenergy and solar photovoltaic are the most important technologies for Canada's clean energy future
- micro nuclear is curiously poised at the center with equal support on either side
- you believe that wire service providers and taxpayers should not be tasked with decisions related to Canada's DE industry but
- we are lacking knowledge of and linkages with energy stakeholders throughout the value chain
- our proximity to the harsh northern climates and the US market are not significant factors in our competitive advantage but
- Canada is the home of innovative policy makers that will develop a globally competitive DE industry

Make your voice heard, please [click to the following link](#) and log your confidential views now. It will take only a few minutes. Your views will be collected independently and be given full consideration.

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### Ontario Stakeholder Consultation – 45-day Public Review of Approvals Process for Renewable Energy

The Ministry of the Environment and the Ministry of Natural Resources have posted information for public review regarding renewable energy project requirements under the Environmental Protection Act. It can be [accessed](#) online (<http://www.ebr.gov.on.ca/>) by entering Registry Numbers 010-6516 and 010-6708. The purpose of this notice is to inform the public of the opportunity to comment on the Ministry of Natural Resources' proposed Approval and Permitting Requirements Document for Renewable Energy Projects. The documents have been posted to the Environmental Registry for 45 days. Alternatively, you may be able to attend the Toronto Public Information Session:

Thursday, June 25 7:00 – 9:00 p.m.

Toronto Ryerson University  
Ted Rogers School of Management  
Lecture Theatre – TRS1-067  
575 Bay Street

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## Alberta - WADE Canada Vice President Co-Presents with WADE Canada Member at the International Student Summit

WADE Canada Vice President, Geraldine Byrne along with one of WADE Canada's founding members, Marc Godin of Portfire and Associates, co-presented at the International Student Energy Summit (ISES) that was held in Calgary, Alberta June 11-13. ISES is a global forum that focuses on sustainable resource management and the role that students will play in defining the future of energy development. The International Student Energy Summit hosted approximately 350 delegates, a mixture of international and multidisciplinary post secondary students in undergraduate and graduate studies interested in energy. Geraldine and Marc's presentation was well received and can be viewed by logging into the WADE Canada [Members Only Area](#) and selecting 2009 presentations.

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## WADE Canada ranks fifth out of 35 for Calgary sustainability assets!

WADE Canada Vice President, Geraldine Byrne, attended the Sustainability for Breakfast session in Calgary on May 29, 2009. At this meeting, participants were asked to rank key Calgary sustainability assets (people, programs, tools, organisations, initiatives, etc.) happening in Calgary. WADE Canada ranked fifth after Plan-It, Civic Camp, Largest District Energy Project in Canada (currently under development), The City of Calgary's Sustainability principles and Calgary Land Base = local food production; urban agriculture. To learn more about and to get involved with 'Sustainability for Breakfast' contact:

Monica Pohlmann

[mpohlmann@telus.net](mailto:mpohlmann@telus.net)

403-270-2648

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## Call for Participants in Alberta Virtual Renewable Energy Trade Show

**What:** An Alberta Virtual Renewable Energy Trade Show to provide an opportunity for renewable energy technology providers to present their technology with potential customers and community policy leaders

**Where:** Utilizing an established community video conference network throughout Alberta, it provides an opportunity for providers to feature their technology and dialogue with interested people and business' utilizing Alberta's video conference network and reduces the need to travel to Alberta if you are not in the province.

**When:** late October, 2009 date to be confirmed.

**Contact information:** If you are interested in an opportunity to feature your renewable energy or cost saving technology please contact Ross Risvold by e-mail [rrisvold@shaw.ca](mailto:rrisvold@shaw.ca)

He is looking for two categories of providers:

- a) small energy technology providers (less than 1 MW)
  - b) large energy technology providers
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## 18th Convocation of the International Council of Academies of Engineering and Technology Sciences

(CAETS 2009)

July 13- 17

Calgary, Alberta

The Institute for Sustainable Energy, Environment and Economy (ISEEE) is a national affiliate of WADE Canada. ISEEE is playing a key role, including as a sponsor and an organizer, in the 18th Convocation of CAETS 2009.

Now you can take advantage of a special promotional registration rate to attend CAETS. For \$650 plus GST -- but only until July 3 -- you can attend all the technical sessions and other activities of CAETS.

The theme of the Convocation is "Our Heritage of Natural Resources - Management and Sustainability." The strong program features three days of presentations by speakers from CAETS academies around the world, as well as invited speakers and guest experts on natural resources from Canada and abroad. Former Alberta Premier Peter Lougheed is the

keynote speaker. Also included is a tour of state- of-the-art engineering laboratories at the Schulich School of Engineering, an activity-filled program for accompanying persons, and an all-day post-conference tour to southwest Alberta.

Be part of this engaging and unique conference! Register at: <http://www.peopleware.net/>

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**I hope everyone is enjoying their summer! We will keep you posted of other news and announcements!**

**Anouk Kendall**

President of WADE Canada

Tel: +1 (514) 409 0433

e-mail: [akendall@wadecanada.ca](mailto:akendall@wadecanada.ca)