



Welcome to version 1.0 of the Positive Power newsletter. The newsletter is to become a regular publication, with the intent of keeping members of Positive Power informed of the different activities of the co-op. We hope that the activities of the different working groups will inspire you to be more active in our shared vision.

Please feel free to contact us via email (communications@positivepowerco-op.com) with your comments, constructive criticism, content, concerns or a preponderance of positive feedback. For technical concerns, email webmaster@positivepowerco-op.com. For telephone messages, please call our Secretary, Elizabeth Simmons 905.630.2200.

Anemometer is up... and running!

Positive Power's first Anemometer was erected Saturday March 15 at the Hamilton's Drumlin Wind Test Site on Safari Road just west of Highway 6, near Breezy's Corner. All seven installed instruments (4 anemometers, 2 wind vanes and 1 temperature sensor) are working flawlessly. Results are being recorded by the on-site data logger. Ten Positive Power volunteers (and the guy with the whip) were successful in raising the monstrously tall(50 metres), tubular steel, guyed tower in just over 5 hours. (Well, more like 8 hours, start to finish)

It was tedious, neck bending work, but the "Winch Crew" (Roger Taliotis, Jerry Horak, Paul Tanner and Dave Night.), the "Nut Driver Boys" (Mike Spencer, Shawn Selway, Dan Hall, Dave Bagnarol, and Don Brown) and "Main Rigger" (Troy Greene) were up to the challenge. Special assistance was provided by the "Prep Team" (Paul Slater, Troy Greene, Shawn Selway and Mike Spencer) and a motley crew of Himalayan Sherpas who in the previous week hauled all the material to the top of the mighty, previously unconquerable, Hamilton's Drumlin, (Queen of the Flamborough Drumlin Field). Thank you all for your dedication and commitment, You have earned your red necks.

The Hamilton Community Foundation was instrumental in providing funds for this project. This work could not have been completed without their assistance.

We will keep you up-dated about the results of the wind resource assessment through our "Blowing in the Wind" Contest and web site. Carpe Ventus

Funding grant awarded for a wind resource assessment - HCF

With partner The Conserver Society of Hamilton and District, a funding proposal was submitted to The Hamilton Community Foundation (Community Fund). An award of \$30,000 to a joint project of the Conserver Society of Hamilton & District and Positive Power Co-operative, Inc was granted in order to complete a wind resource assessment. At this time, a Hamilton Area Wind Resource Assessment at the Hamilton Drumlin on Safari Road in Flamborough is in its third month, and could not have been initiated without this fund.

The Co-op is grateful to acknowledge the grant and necessary work in our community performed by the Hamilton Community Foundation, which provides funding for diverse projects within the community for education, recreation, arts, and the environment among other worthy causes. For more information on the Hamilton Community Foundation and their numerous projects within the community visit their website, www.hcf.on.ca.

Without the partnership support of the Conserver Society of Hamilton and District the proposal could not have been submitted. The Society is a organization with "33 years of action and advocacy" in Hamilton. The vision is "Healthy Environment, Healthy Community, Sustainable Living through Creative Community Action". Past projects by the Conserver Society of Hamilton and District include environmental education, waste reduction, bicycle promotion, and action against urban sprawl.

It is very exciting to see the anemometer erected, and the grant funds in action. If any members or sponsors wish to view the site of the Wind Resource Assessment, please contact Martin Ince at 905.689.3900.

Partners to study wind energy potential

Globe and Mail; Date: May 15th, 2003

Boralex Eole Inc. and the Université du Québec a Rimouski have formed a partnership to study the possibilities of developing wind energy in eastern Quebec. The announcement yesterday follows the recent request for proposals by Hydro-Québec for the supply of 1,000 megawatts of wind power over 10 years, Boralex said. Boralex Eole, whose mandate is to build and operate wind energy plants in Quebec, is owned 60 per cent by Boralex Inc. of Montreal, and 40 per cent by a subsidiary of the provincially owned Société générale de financement du Québec .



Blowing In The Wind Contest

How well does Hamilton's Drumlin measure up as a wind turbine site? The research has begun! Positive Power is now assessing the wind resource at Hamilton's Drumlin (near Breezy's Corners) with a 50-meter mast equipped with 4 anemometers. The wind speed and direction will be measured for a twelve-month period that started in March 2003.

The big question in all of our minds is ... **how much wind is there?** You have a chance to guess at the wind speed and win prizes!

Here's how the contest works. Submit a list of twelve average monthly wind speeds to Positive Power by June 1st, 2003 and the person who is closest to the measured value in any given month wins a prize! The winners will be posted on the Winners page of the website every month.

What can you win? The first monthly prize is Green Tag worth \$75 and the contest sponsors have donated lots of great prizes including wind turbine models, shirts, caps, mounted photographs and another Green Tag. Check out the list of contest sponsors under the Winners page at the website.

A grand prize will also be awarded to the person whose averaged monthly wind speed submissions are closest to the annual average wind speed measured at the site. The grand prize is an Energuide Home Audit worth \$150.

If you'd like to find out a bit more about wind power to help with your guesses, check out the Danish Wind Energy web www.windpower.org. As a hint, average monthly wind speeds in this area are likely to fall within the range of 3 - 8 metres/second.

To submit your submission, go to the Submissions page (Positive Power Co-op members only please). To read the contest rules, go to the Rules page on the website. For telephone inquiries, please contact Dan Hall 905.891.0913

The wind resource assessment at Hamilton's Drumlin would not have been possible without the generous support of the Hamilton Community Foundation. Good luck!

Upcoming Events: Ontario's Alternative Fuel and Energy Strategy

When: Thursday May 22, 7:30pm **Where:** Toronto City Hall (Bay & Queen) **Featuring:** Steve Gilchrist, M.P.P. Ontario Commissioner of Alternative Energy

On June 5, 2002 The Select Committee on Alternative Fuel Sources tabled their Final Report in the Ontario Legislature. The recommendations contained within its Report can form the basis of an innovative alternative fuel and energy policy for Ontario. The Province must reduce its dependence on traditional petroleum based fuels; wind, water, solar, and other renewable fuels will have an important role to play in meeting this challenge. The Report lays the groundwork for a renewable energy future that can ensure Ontario will become a leader in this field.

The all-party Select Committee on Alternative Fuel Sources recommends a Renewable Portfolio Standard requiring that a percentage of new electricity generation be from renewable sources; encouraging small generators by allowing access to the grid through net metering; aggressive targets for the use of alternative transportation fuels such as ethanol, biodiesel, and hydrogen; and enhanced conservation and efficiency standards. The increased use of alternative energy will provide significant long-term environmental, social, and economic benefits to Ontario.

Steve Gilchrist, M.P.P., Ontario Commissioner of Alternative Energy, will discuss the recommendations contained in the Final Report and he will address the future of Alternative Energy in Ontario. This is an excellent opportunity to learn about Ontario's strategy for Alternative Fuels and Energy and to get a glimpse of the future.



Ontario's Emerging Wind Power Co-ops Workshop

How You Can Participate/How You Can Replicate

When: Saturday, June 7th 8:30-3:00 pm **Where:** Kortright Centre 9550 Pine Valley Drive WoodBridge (off Hwy 400)

AGENDA: CHECK IN (8:30 - 9:00 am)	
<i>Morning Agenda (9:00 - 12:00)</i>	<i>Speakers</i>
Introductions History of Wind Power Co-ops - rural Denmark Ontario's First Wind Power Co-op - WindShare Ontario's First Wind Farm Co-op - TradeWinds OSEA's Community Co-op WindFarm - LakeWinds	Melinda Zytaruk - OSEA Melinda Zytaruk - OSEA Brian Young - TREC David Morris - Hearthmakers Dave MacLeod - OSEA
BBQ LUNCH (12:00 - 1:00 pm)	
<i>Afternoon Agenda (1:00 - 3:00 pm)</i>	<i>Speakers</i>
Ontario's First Co-op/1st Nations Joint Venture - WindFall Wind Power - Assessing Your Resource Getting Started - Funding, Resources, Organizing	Brent Kopperson - WindFall Martin Ince - Positive Power Melinda Zytaruk - OSEA

To Register \$110 Registration fee (fee includes \$10.00 for lunch) REGISTER with the Kortright Centre
 Call: 416-667-6295 (Listen for Option #3)

Positive Power Committee Meetings: GET INVOLVED!

June 16th, 2003 Project Development Committee Meeting 7:00am-8:30am
WHERE: Oasis Family Restaurant, on the East side of Hwy 6, North of Waterdown a few clicks
 Contact Sam DeAth (Sam@SensibleLifeProducts.com) 905.690.7474

May 27th, 2003 Project Development Committee Meeting Tuesday, May 27th at 7:00am-8:30am (Bright-eyed & bushy-tailed)
WHERE: Oasis Family Restaurant, on the East side of Hwy 6, North of Waterdown a few clicks
 Contact Sam DeAth (Sam@SensibleLifeProducts.com) 905.690.7474

May 26th, 2003 Education Working Committee Meeting. 7:00pm on May 26th, 2003
 The plan is to discuss all of the actions that the education committee will take in the coming months/years and hopefully develop a road map of how to proceed. It will also be a chance to really assess what resources are available within the committee.
 Contact Troy at education@positivepowerco-op.com 905.330.0370



FEATURES GALLERY FOCUS

Bright Ideas on Conservation	Member's BOOK REVIEW	Where is vision on energy policy?
<p>Submitted by: Chris Palin Date: May 9th, 2003</p> <p>Bright Ideas will become a regular feature of the Positive Power newsletter with simple ideas on how members can promote good energy policy or to implement it in their own homes. The ideas themselves are not rocket science but implementing these ideas in your home would definitely be a bright idea. Where better to start than with the international symbol for bright ideas used in comic strips around the world?</p> <p>Recently, I quasi-repaired my desk lamp by using some crazy adhesive product to reattach the cheap shade to the lamp. The shade fell to the floor after about one hour. The heat (read energy loss) generated by the 60W bulb had melted the glue and my fifteen minutes of hard work had gone to waste. Then I saw the lightbulb. It was 14W, and cost approximately \$9, significantly more than the 60W bulb. However, the bulb was guaranteed to last for 6000 hours of lighting, also significantly more than the 60W lightbulb. Over the life of this lightbulb, I can expect to save 276 kWh of electricity and associated environmental costs, and \$2.87 (after deducting the increased initial cost, and assuming a electricity cost of \$.043/kWh). The choice was clear. Next to the electricity I was able to conserve, the best thing about the new light bulb was that my lampshade stayed attached to the lamp and my desk lamp provided me with 14W of soft white light to complete this blurb.</p> <p>The savings may not be enough that you will finance Positive Power's first wind turbine (or your lunch for that matter), but it is something small that you can do with little effort that will make a difference.</p>	<p>Submitted by: Brent McKnight Date: May 15th, 2003</p> <p><u>Power</u> is a masterfully written journey into the past, present and future of Canada's Energy industries. Beginning on natural gas rigs in the North Atlantic, the author takes the reader through colourful and entertaining adventures in coal mines, nuclear plants, wind co-operatives, uranium mines, big oil, and the hydro facilities of Quebec and BC. Gordon Laird leaves no stone unturned in discussing the companies, people, and especially the governments party to Canada's current power dilemmas. Particularly exciting were excerpts from an interview with Bryan Young, one of TREC's (Toronto Wind Co-op) founders. The book is ideal for a reader trying to find sustainable energy solutions and understand the multifaceted energy industry.</p> <p><u>Power</u> is on sale at Chapters for \$25 (although I've seen the hardcover for about \$6 on the discount racks).</p>	<p>Public investment needed in Ontario Submitted by: Chris Palin Date: April 13/2003</p> <p>Toronto Star: Editorial</p> <p>Further to your comments regarding the claim of the Ontario government to have "a comprehensive action plan to lower electricity bills, protect consumers, encourage conservation and alternative energy, and support new supply," the Eves government not only fails to support this claim but also directly contradicts it with several of the policies.</p> <p>The capped rate has lowered energy bills, especially for those homeowners who use a lot of energy. However, those costs have been transferred to our tax bill and are being subsidized by renters and those with energy-efficient homes. We tax cigarettes, gasoline and alcohol heavily to discourage consumption of these products. Why would we subsidize electricity costs if conservation is a true goal of the government?</p> <p>The lack of direction, consistency, definition and long-term commitment to energy policy is creating an uncertain environment that does not encourage investment in new energy supply. The policies toward clean energy are not clear. The definition of "green energy" will likely include "cleaner" fossil fuel burning forms of energy and not be limited to renewable energy sources.</p> <p>The government needs a clear, responsible energy policy based on a long-term vision.</p> <p>Chris Palin, North York</p>