



We will have our second Annual General Meeting in November. The meeting will be an opportunity for all members to meet and elect new board members, review our direction, ask questions about the co-op and renew memberships! We are also trying to plan an open house at the anemometer located at Hamilton's drumlin, and organize a second wind resource assessment.

Thanks to the provincial election, energy issues are in the news lately. Many in Positive Power have been trying to ensure that anyone who may be elected in either the provincial election or the upcoming municipal election will be aware of Positive Power and informed on renewable energy issues

Powerful Progress

Annual General Meeting Approaches

The Positive Power Annual General Meeting has been scheduled for Saturday, November 29, 2003. Details will be announced in the November newsblast, but clear your calendars for this important event, where changes to the co-op bylaws, and Board of Directors positions will be voted on.

The Wind is Blowing at Hamilton Drumlin!

Your chances to win with the Blowing in the Wind contest are much better than with lotto 6/49! The contest has been re-opened with a new deadline of November 1. Just as a refresher, here's how the contest works. Submit a list of twelve average monthly wind speeds and the person who is closest to the measured value in any given month wins a prize! To submit your guesses, go to the Submissions page on the website (Positive Power Co-op members only please). For telephone inquiries, please contact Dan Hall 905.891.0913

Prospecting for Wind at Hoover's Point

Positive Power is excited to announce that it is preparing to actively engage the Hoovers Point community (close to Dunnville along Lake Erie) in gauging and developing support for a second Wind Resource Assessment(WRA). The site is an excellent location with great access to the winds coming off of Lake Erie, room for expansion to a small wind farm, and high voltage electrical grid interconnection.

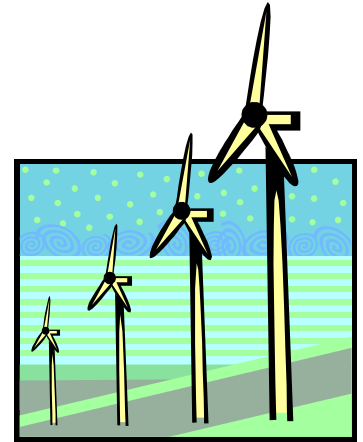
The Technical Committee has shifted its focus from the original proposed Grant's Point site due to the proximity of a working airport at that site. Our volunteers have been doing landowner contacts in the area, and look for a notice about a town hall meeting at Hoovers Point and come out to show your support!

By-Law Changes Proposed

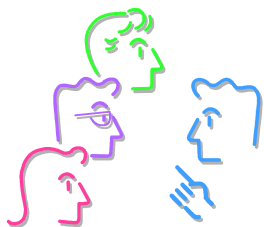
Proposed changes to the co-operative by-laws have been attached as a separate sheet to this newsletter. These changes will be voted on at the Annual General Meeting. If you require a copy of the full by-laws, please contact Jennifer Heneberry, Project Coordinator, at 905-971-5366.

So you want to be a Director...

Elections for the Board of Directors will be held at the Annual General Meeting. The deadline for nominations is October 17, 2003! Please see the attached sheet for information on how to nominate people for the Board, or become a Board member yourself!



Changes to Positive Power's Board



The Board of Directors would like to express gratitude and appreciation to resigned member **James Murphy**, who has resigned in order to take on the lead for the PPC Feasibility Study. In the interim, the Board has appointed **Dan Hall**, current chair of the Advocacy Committee as a Director until the Annual General Meeting on November 29th. We'd like to thank James for his work on the Board, and we'd also like to thank Dan for being willing to take on yet another responsibility in the short term.

For those members considering a Board position, please have your written nomination --signed by at least two other Co-operative members-- submitted by October 17th, 2003. If you are interested or have questions, contact our Treasurer, Don Brown, or see the sheet attached to the newsletter.

Upcoming Events

Anemometer Open House – Hamilton’s Drumlin – details to follow
Positive Power Co-operative- Annual General Meeting – November 29, 2003
Toronto Mayoral Debate- Toronto Environmental Alliance October 15, 2003



Working Group Meetings

Oct. 7th, 2003 - Education Working Group Meeting When: 7pm, Tuesday, October 7 th , 2003 Where: Mount Nemo Bed and Breakfast, Burlington Contact Troy Green at 905-631-8574 for information	Oct. 20th, 2003 - Advocacy Working Group Meeting When: 7:30pm, Monday, October 20th, 2003 Where: 2421 Torquay Court, Burlington, ON Contact Dan Hall at 905-891-0913 for more information.
Oct 21st, 2003 - Communications Working Group Meeting When: 7pm, Tuesday, October 21 st , 2003 Where: Location to be determined Contact Chris Palin at 416-227-0717 for information	

Working Group Committees

There are currently 8 vibrant committees that have been busy developing and implementing programs for Positive Power.

Education	Lead: Troy Greene	519-591-0310	education@positivepowerco-op.com
Advocacy	Lead: Dan Hall	905-891-0913	advocacy@positivepowerco-op.com
Fundraising	Lead: Victoria Roberts	905-308-5778	fundraising@positivepowerco-op.com
Technical	Lead: Jon Norman	416-207-0808	technical@positivepowerco-op.com
Communications	Lead: Chris Palin	416-227-0717	communications@positivepowerco-op.com
Finance	Lead: Donald Brown	905-689-4099	finance@positivepowerco-op.com
Administration	Lead: Elizabeth Simmons	905-628-0778	administration@positivepowerco-op.com
Project Development	Coordinator: Jen Heneberry	905-971-5366	info@positivepowerco-op.com

Help Wanted!

Being a Positive Power member means being passionate about renewable energy. We hope that passion leads you to get actively involved in helping Positive Power reach its goals. Listed here are Roles that Positive Power are actively trying to fill. Contact Jen Heneberry at 905-971-5366 if you are interested in a specific role or want to make up your own!

Communications

- Editor (newsletter editing)
- Story Writer
- Graphic Design – posters, brochures, newsletters, etc.

Funding

- In-kind Contribution Coordinator
- Researcher - Funding Leads
- Liaison with Grant Coordinators / Funding Agents
- Publicity / Promotion Coordinator
- Save-A-Tape Program Coordinator
- Coordinator of Funding for Special Events / Projects



Renewable Energy Industry News

[A New Way to Support Renewable Energy Through Positive Power](#)

GREEN TAGS ONTARIO allows you support the generation of clean electricity from existing wind turbines in southern Ontario!

How does a green tag help?

Buying a Green Tag replaces 1000 kWh of coal fired energy with 1000 kWh of renewable wind energy. Every Green Tag sold increases the amount of clean electricity in the system, and that benefits everyone. Buying a Green Tag is a way to support the generation of electricity from wind, and to pay its higher short term cost without being limited by the recently imposed price cap and lack of choice from electrical utilities and suppliers.

What am I purchasing?

Green tags are essentially a way to get the price that is needed in order to make a wind turbine viable, because the playing field for electricity generation is not level. The other polluting and non-renewable means of electricity generation do not require consumers to pay for the long term costs of its consequences (environmental damage, health problems), but makes us all pay later. The purchase of a Green Tag is a voluntary payment that supports the development of wind electricity generation. Green Tags work regardless of grant money, or access to low cost capital - it is a way to get a project done with nothing more than the support of the people. This fits well with Positive Power's mission of promoting wind energy through the cooperative support of the people.

How will Green Tag sales help Positive Power?

Green Tags Ontario currently supports 2 wind turbines in Ontario - a 660 kW in Port Albert, and a 1.8 MW in Ferndale. By selling Green Tags, Positive Power starts a stream of local Green Tag sales, showing local support for wind energy generation. This will make it easier to borrow for our local projects, therefore making it easier to establish our first wind turbine. Once our first wind turbine is established, our local Green Tag sales can be used to directly support our turbine.

A Green Tag costs \$75.00 and produces 1000 kWh of renewable wind energy.



From the Members. . .

[Why a Co-op?](#)

Submitted by: Elizabeth Simmons

Date: September 30, 2003

Why a Co-operative?

A broad base of citizens and local organizations came together in May, 2002, for an OSEA (Ontario Sustainable Energy Association) workshop promoting renewable energies. From the over attendees, the basis for a local, organized group was born. Various models were discussed yet the commitment, cooperation and consensus within this dynamic group naturally promoted a co-operative. Now, with over 130 members, the organization is an incorporated, legal entity that stresses:

1. Voluntary and open membership
2. Democratic member control
3. Member economic participation
4. Autonomy and independence
5. Education, training, and information
6. Co-operation among co-operatives
7. Concern for community

Collectively there are over 10,000 co-operatives and credit unions in Canada providing products and services to over 10 million Canadians. And that's good company to keep! For more on co-operatives, please visit www.coopcca.com, the Canadian Co-operative Association's website

[Book Review: 'Public Power'](#)

Submitted by: Ted Winch, PEng.

Date: September 30, 2003

PUBLIC POWER, by Howard Hampton
(Toronto: Insomniac Press, 2003) - 298 pp., \$21.95 paperback

Cheap, reliable, and abundant electric energy has been a major source of Ontario's industrial strength. It could have been otherwise. Howard Hampton's recent book, *Public Power*, is a well researched and timely chronicle of the struggle over the last century for publicly owned power accessible to everyone at cost, against the interests of investor-owned utilities working through receptive provincial politicians.

Mr. Hampton describes in detail how Sir Adam Beck, then mayor of London, along with the mayors of other Ontario cities, fought the private interests, and in 1906 formed Ontario Hydro which served us well for a century.

The book goes on to describe how too much investment was made in large nuclear plants (Darlington and Bruce) and how this became 'stranded debt' through political manipulation. Mr. Hampton favours smaller and diversified 'green' generator units built close to their market, with a moratorium on new major transmission corridors. The book also describes in detail how deregulation and privatization have proved disastrous in every jurisdiction where they have been tried.

Public Power is must reading for anyone interested in the future of Ontario's electrical energy.

Drumlins, Gremlins and Doldrums

Submitted by: Kerry Schooley

Date: September 30, 2003

There's an anemometer on Hamilton's Drumlin and Positive Power put it there. As a member of the Co-op, you may have certain questions. Such as:

Is a drumlin the same as a gremlin?

No. Hamilton's Gremlin might be the plan to run an expressway down the city's Red Hill Valley, an imp of an idea that has troubled citizens for decades, but a gremlin is definitely not a drumlin.

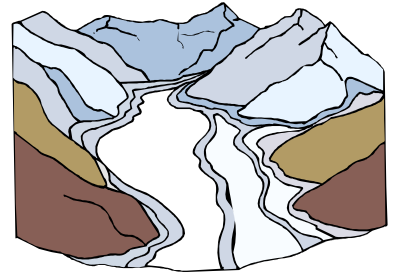
Well then, is a drumlin like a doldrum?

No. Positive Power hopes a doldrum will not be found anywhere near Hamilton's Drumlin. Otherwise we're barking up the wrong anemometer.

Uncle! We give up. What's a drumlin?

The AGI Glossary (the definitive work for geological definitions) defines "drumlin" as: "A low, smoothly rounded, elongate oval hill, mound or ridge of compact glacial till or, less commonly, other kinds of drift...built under the margin of the ice and shaped by its flow, or carved out of an older moraine by re-advancing ice; its longer axis is parallel to the direction of movement of the ice. It usually has a blunt nose pointing in the direction from which the ice approached..."

G.V. Middleton, Professor Emeritus of Geology/Sedimentology at McMaster University (and currently at work on a biography of the 19th century geologist for whom Spencer Creek in Dundas is named) says: "There has always been some controversy about the origin of drumlins, and I believe there still is. Some people believe sub-glacial water flows are at least partly responsible."



There you have it. A drumlin is a big old hill of dirt and stone scraped up by glaciers, and possibly shaped by some big old drips. Ours must be a very old hill indeed, because we haven't had glaciers in Hamilton for millennia, last April's snowstorm notwithstanding.

Positive Power's theory is that the higher you go, like to the top of a hill, the windier it is likely to be. So an anemometer was erected on top of Hamilton's Drumlin in order to "measure the force of the wind," which the Canadian Oxford Dictionary says is an anemometer's job, when all is said and done.



"Drumlins usually come in 'fields'." Professor Middleton continues. "In the Hamilton area, the closest good examples are around Westover, between Highways 6 and 8," which is where Hamilton's Drumlin is.

But it isn't called Hamilton's Drumlin because it is in Hamilton, even though this drumlin is on Safari Road in the former municipality of Flamborough, which is now part of the New City of Hamilton though maybe not forever because for some, that's another troubling political gremlin. Hamilton's Drumlin is called Hamilton's Drumlin because it is on property that has been owned and farmed by the Hamilton Family for a very long time, but not anything like as long as since the glaciers went away.

When Positive Power is done probing its winds, will the drumlin have to be surgically removed?

No. The drumlin will be left where it is, though it is hoped that after a year of reading currents, the anemometer will come down and be replaced by a wind turbine.

Next newsletter we discuss everything you wanted to know about anemometers. Unless you're afraid to ask.

About the Communications Group: The communications group is a multi-disciplinary team of stylin', intelligent, and modest people. Our goal is to provide a platform for the various working committees to get their messages out. We will be dealing with both internal and external stakeholders gearing messages towards potential members, community and other interested parties. In addition, we will release periodic press releases as major events or announcements regarding Positive Power occur. Please feel free to contact Chris Palin with your comments, constructive criticism, content, or concerns at 905-330-0370.