

Subject: SWITCH news February 23rd
From: "SWITCH" <switchkingston@gmail.com>
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To: <info@switchkingston.ca>



SWITCH

The Sustainable Energy People

SWITCH news, February 23rd, 2010

This week's edition sponsored by:



Greetings Everyone!

The next SWITCH Open Meeting will take place on Friday, March 5th, 8 am, Queen's Innovation Park, 945 Princess St., **2nd Floor Lecture Room**. The speaker will be John Marriott from OSIsoft Canada ULC, *Improved facilities energy management using real-time equipment data*.

If you are interested in sponsoring the refreshments for an Open Meeting, at a cost of \$30, or sponsoring an e-newsletter, at a cost of \$60, please contact Catherine or Ted, info@switchkingston.ca. The refreshments for the March open meeting will be sponsored by John Marriott, OSIsoft Canada ULC, April will be sponsored by SWITCH member **CPE Division-L Inc**. The May open meeting will be sponsored by NEDCO, and June, July and September will be sponsored by Kingston Solar Installations.
Save a paper cup, bring a travel mug to the next open meeting!

All visitors to SWITCH can enter through the main entrance to Novellis (the front doors) and ask the receptionist to call the SWITCH office (dial 9+613-547-6700 x129). We will come and badge you in. **Parking is available in the WEST parking lot.**

SWITCH News & Announcements

- 1.** A special thank you to renewing member **Tackaberry Heating & Refrigeration Supplies**.
- 2.** Tony Fleming, from Cunningham Swan, will be discussing legalities for installers, February 24th, 8 am, Innovation Park, 2nd floor lecture room. A light breakfast will be provided courtesy of SWITCH member **KEDCO**. RSVP to register@switchkingston.ca. To watch a webcast of this seminar go to the SWITCH homepage <http://www.switchkingston.ca/index.php> and follow the instructions listed beside the share widget. (You must register at least 1 hour before). If you received an invitation from DimDim you can also join up by following the instructions in the email.
- 3.** *How your rooftop can make you money: The new Green Energy Act and your business*, Thursday,

February 25th, 9:30 to 3:00, United Church, Elginburg. **This meeting is targeted towards the Agricultural Industry.** Admission is \$5 and \$13 (with lunch). Launched on October 1st, 2009, the new Green Energy Act will enable Ontario businesses to unlock their rooftop asset and earn revenue by generating solar energy and feeding it back into the grid. There are also incentives for your business to become part of the quickly growing renewable energy market by diversifying your products or processes. RSVP to register@switchkingston.ca.

4. We draw your attention to **Kingston Unplugged**, An Earth Hour event, is seeking sponsorships (please see the attached – more information can be found below).
5. The SWITCH 2009 Annual General Report is now available. Please see the attached document.
6. **Interested in attending regular SWITCH meetings in Brockville, Napanee, Prince Edward County, and other locations?** If so, please get in touch with Jennifer Kiwala, jkiwala@switchontario.ca. We are trying to gauge the level of interest in setting up SWITCH meetings in surrounding locations.
7. Due to the popularity and sustained growth of the SWITCH open meetings, **we are currently searching for a new home.** The ideal location would be able to accommodate up to 150 people the first Friday of every month and have ample parking available. If you have any thoughts or suggestions, please get in touch, info@switchkingston.ca.
8. **Calling All Editors and Knowledgeable Readers:** Our Energy Digest is being read by more and more people as the Internet search engines discover us...and that means we have an even greater need for high quality, up-to-date information. This is currently the most complete source of reliable information on the FIT and microFIT program. SWITCH now needs you to share your expertise by editing the Energy Digest: simply go to www.switchontario.ca/wiki, and when you see something that you think should be different, log in (very easy) and make the changes. SWITCH staff will monitor all changes and ensure accuracy, style and correct spelling, so don't be shy! Call Mark at 613-532-7220 if you have other ideas or want help connecting.
9. SWITCH staff members Mark Gibson, Jennifer Kiwala and Pierre Nadeau are working to provide value added services to small and medium enterprises who are either in the supply chain or consumers of sustainable energy products and services until the end of March. **If you know of an SME that we might not have thought of, please contact us.**
10. **The April open meeting will be held on Friday, April 9th,** as Good Friday is the first Friday of the month this year.
11. **"Become a SWITCH sponsor":** You may have noticed this message at the top of the sidebar of our updated website. That space, as well as space on our weekly e-newsletter, and our email signature, will be available on an annual basis to a SWITCH sponsor. Please consider providing vital financial support to SWITCH and its mission of making the Kingston region a centre for sustainable energy. Contact SWITCH executive director Ted Hsu for more information.

SWITCH Member News & Announcements

The ELORIN corner: Scientific Research and Experimental Development (SR&ED) Credit Workshop, February 25, 10:30 am to 1:30 pm, Innovation Park. An incentive program to encourage Canadian companies in research and development (R&D), it can be leveraged by companies of all sizes who deal with science or technology. Claimants can apply for tax credits for expenditures such as wages, materials, machinery, equipment, overhead, and contracts. The presentation will discuss the opportunities and risks that have been generated by recent changes, and offer an opportunity for discussion. A light lunch will be provided. The workshop is free, but registration is required, info@elorin.ca.

1. SWITCH member **Upper Canada Solar Generation**, has won the contract for the installation of a \$1.4 million solar panel project on the Brockville Memorial Centre rooftop. The size of the project will be a little over 200 kW and work should be finished by this summer. They will be using Canadian Solar Inc. panels and Satcon inverters.
2. Joe Jordan, **Upper Canada Solar Generation**, spoke about solar technology on agricultural land

as part of a bio products/green technology panel for an economic development series, the Counties of Leeds and Grenville, <http://www.recorder.ca/ArticleDisplay.aspx?e=2438985>.

3. Brant Peppley, Director, **Queen's-RMC Fuel Cell Research Centre** provided the following fuel cell updates: AFCC (Automotive Fuel Cell Co-operative), jointly owned by Ford, Daimler and Ballard has joined with OFCRIN researchers to submit a proposal to Automotive partnerships Canada (APC) to examine fuel cell electrode development. It is awaiting review. FCRC has been working with Ballard Power Systems on the development of micro-structured electrodes. It has evolved into a successful US DOE (Department of Energy) project, set to start in 2010 with FCRC as primary subcontractor.
4. SWITCH member **Air Liquide**, provides certified hydrogen fuel for B.C.'s fleet of 20 zero-emission buses, currently being used to transport athletes and visitors to the 2010 Olympic Winter Games. Air Liquide also designed, built and operates the filling station used by the fleet. It is the largest hydrogen filling station in the world. Please see the attached press release to learn more.
5. SWITCH member **AEPAY Global Energy** is looking for large commercial rooftop space for lease for the installation of solar panels. AEPAY plans on having several 250 kW arrays in place by the summer. Any inquiries can be directed to SWITCH member **Chris Morris**, sales representative with RealtySource Inc., brokerage. (613) 546 4208 (office), (613) 539 8438 (cell), chris@chris-morris.ca. Please see the attached for more information.

Local non-member News & Announcements

1. A new wood pellet company is scheduled to open in Ingleside, west of Cornwall, in the Spring of 2011, <http://70.87.107.194/~canbiope/>.
2. **Update:** Trillium Power Wind Corporation has designated Vestas as the 'preferred supplier' for all four of their offshore wind projects in the Great Lakes. Together, the four projects will generate about 3700 MW of offshore wind energy. Any companies interested in being part of the supply chain should contact KEDCO.
3. **Event:** Innovation 2010, Portsmouth Olympic Harbour, 53 Yonge St., March 25th, 8 am to 5 pm. Please go to <http://www.innovation2010.ca/> for more information and to register.
4. Kingston Unplugged, An Earth Hour Event, is scheduled to take place on Saturday, March 27th at 7 to 10 pm, Springer Market Square. Vendor and display opportunities are available during this year's event (attached). **Kingston Unplugged is looking for sponsorships.** Please see the attached form. The **Kingston Sustainability Centre** www.kingstonsustainabilitycentre.com is hosting a speech competition for local high school students. One French and one English speech will be delivered at the concert in between the acts. The deadline for submissions is **March 1st**. For information about the competition, please contact danieljameshendry@gmail.com. The Earth Hour website is <http://www.earthhour.org>.
5. **Event:** Queen's Commerce and Engineering Environmental Conference (CEEC): Exploring the Green Advantage, March 5th to 6th. This conference brings together students from multiple disciplines of study and is a truly unique sponsorship opportunity. Significant exposure and promotion to students and the public is offered. For more information, please contact andrew.mutrie@ceec.ca. This year, the CEEC will be holding the Green Globe Awards, to nominate individuals or groups who have made a significant positive impact on green initiatives on the Queen's campus or within the Kingston community.
6. **Event:** Earth, Body, Spirit Expo, June 5-6, Invista Centre. There will be opportunities for exhibitors, workshop presenters, demonstrations, sponsorships, and volunteers to participate. For more information go to www.EarthBodySpiritExpo.com, or call 613-767-9721, info@withinkingston.com. The application deadline is April 10th. **A 10% discount is available to all SWITCH Members.**
7. **Event:** 2010 Fifth Annual Sustainable Living Symposium, March 20th, Loyalist College, Belleville. The event will be followed by a Green Homes Bus Tour by the County Sustainability Group on March 21st. To register please go to <http://www.quintesustainability.ca/>.
8. The official website for Sustainable Kingston (an ICSP from FOCUS Kingston), can be viewed by going to <http://www.sustainablekingston.ca/>. Comments on the plan are easy to make by clicking

on the blue circular icons found throughout the website. **Comments will continue to be accepted for the future drafts.**

9. Wintergreen Studios, <http://www.wintergreenstudios.com/>, an off-grid education and retreat centre located in the Frontenac Arch Biosphere Reserve, offers meeting and retreat facilities, as well as one and two-day workshops at a 10% discount to SWITCH members. Please advise them you are a SWITCH member when registering in order to receive the discount.
10. **New Grant program:** The Community Energy Partnerships Program, <http://news.ontario.ca/mei/en/2009/09/ontario-supports-local-investments-in-green-energy.html> is offering one time financial assistance of up to \$200,000 for project planning, environmental and engineering studies. The program is open to community groups, including cooperatives, non-profit groups and local partnerships. Projects are eligible to receive a graduated incentive, based on the percentage of local ownership, of up to 1 cent/kilowatt hour in addition to standard feed-in-tariff rates.

Non-local News & Announcements

1. Schuco Canada is offering a series of training sessions for solar photovoltaic (PV) and solar thermal starting in March and April. Please go to their website for full details of each course, http://www.schueco.com/web/ca/commercial/trainings_events/solar_trainings_events.
2. To read an article on "green-labelling" go to <http://www.green-business.ca/Sustainability-Reporting/Features/five-tips-for-selling-your-green-product-what-does-it-take-to-compete.html>.
3. **Event:** International Leaders Breakfast Club, the Honourable Brad Duguid, Minister of Energy and Infrastructure, March 1st, 7:30 to 9:00 am, Ajax Convention Centre, 550 Beck Cres., Ajax, Ontario. To register please go to http://greatertoronto.org/index.php?option=com_rsevents&view=events&layout=show&cid=17&Itemid=31
4. Clean Tech Funding is available through SDTC (Sustainable Development Technology Canada). SDTC is accepting statements of interest from **February 24 to April 21, 2010**. "The SD Tech Fund™ invests in late-stage development and pre-commercial demonstration of clean technologies by Canadian companies." Please visit their website for more information, http://www.sdtec.ca/en/funding/NextGen_Biofuels_Fund/index.htm
5. The Ontario Government, through the Ontario Solar Thermal Heating Initiative (OSTHI), has increased the incentives available for solar hot water systems fivefold. OSTHI will now provide a maximum of \$400,000 per project. For more information, please go to <http://www.news.ontario.ca/mei/en/2009/12/solar-technologies-help-build-ontarios-green-economy.html>.
6. **Funding Opportunity:** Earth Day Canada is now accepting applications for the spring grant period of the Community Environment Fund. The deadline to apply is **February 28, 2010**. Please go to this site to learn more http://www.earthday.ca/pub/resources/media_releases/2009-12-03_cef_schools_engo_outreach/index.html.
7. **Funding Opportunity:** Does your business have a need that could be met by a University researcher and a student? MITACS will find the researcher and student, match your dollars 1:1, with minimal paperwork on your part. It's not just limited to science and engineering. For more information on the program, contact SWITCH or contact MITACS directly: Alison Lee, alee@mitacs.ca, 416-650-8439 (bus.) and 647-519-1211 (cell).

Bringing **new life** to energy

Hope to see you at the next SWITCH event,

Ted Hsu, Executive Director; Mark Gibson, Green Energy Business Consultant; Jennifer Kiwala, Outreach & Event Coordinator; Pierre Nadeau, Sustainable Energy & Internet Communications Assistant; Catherine Humphreys, Administrator

SWITCH

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info@switchkingston.ca
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SWITCH thanks the **Ontario Trillium Foundation**
and the members of SWITCH for their financial support
Has SWITCH helped you? Would you like to support our work?
Please consider becoming a member or a sponsor of SWITCH.
For more information, go to our website: <http://switchkingston.ca/> or phone us!

SWITCH often provides services, or is available for consultations, on a confidential basis. We would be happy to accept any request that you have to keep certain information confidential. However, one of SWITCH's main activities is networking services. Unless otherwise requested, you should expect that information which the SWITCH staff learns in communications with you might be used to make progress on our mission of making the Kingston region a centre for sustainable energy.

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