



Watts Up?

#3 - Spring 2005

www.powerupenergy.ca

PURE Newsletter of PURE - the Power Up Renewable Energy Co-operative
Renewable Energy and Conservation for Dufferin County and the Headwaters Region

Conference Announcement

PURE, and the Reduce The Juice Team are pleased to present:

The First Shelburne

Community Energy Conference and Launch of the "Reduce The Juice" Community Project

Following up on the success of the recently launched "Green Power Project" at CDDHS - the first solar and wind powered renewable energy system to be installed at an Ontario high school - PURE and the Reduce The Juice Project Team, are pleased to present this exciting half-day conference on **Saturday, June 4th**, at Shelburne's Grace Tipling / Town Hall.

Our event will bring together local residents, students, educators and business leaders interested in alternative energy solutions. We expect the busy conference **agenda** to include:

Part I: "Leadership in Energy Issues"

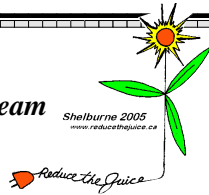
Three well-connected speakers focusing on Climate Change, Energy Solutions, and Energy Conservation.

Part II: "The Green Power Project"

A series of presentations on the CDDHS solar/wind project, including a video created by students at the High School on this unique initiative. Project leaders will conduct tours of the school power system later in the afternoon.

Part III: "Introducing - Reduce the Juice"

Reduce The Juice will set a new standard for the delivery of energy conservation know-how to homeowners in our community. Trained students will conduct a door-to-door energy education and reduction campaign during July and August in Shelburne. Students will demonstrate how homeowners can reduce their energy consumption through home energy audits and specific reduction strategies and technologies. Meet the team leaders and hear all about this ambitious and exciting Summer project.



free admission - all welcome

Saturday June 4th
8:30am to 12noon
Grace Tipling Hall
Doors open at 8:00am
refreshments provided



The CDDHS Wind Turbine and Solar Panels, on the school roof



Official Notice

PURE AGM

Annual General Meeting

June 4, 1:00pm

All PURE members, and the public, are invited to get fully caught up with all the exciting projects that PURE is involved in, and participate in the 2005 Annual General Meeting of the Power-Up Renewable Energy Co-operative, June 4th, 1:00 to 3:00pm, at **Grace Tipling Hall, Shelburne.**

Our Agenda will include:

- **Keynote Address** - details TBA
- **Project Reports** - get an update on PURE's current projects including the CDDHS Green Power Project, Reduce The Juice, our Education and Wind Power committees, and more
- **PURE's Future** - help us discuss and design the vision and mission of PURE to carry us forward into the future
- **Elections** - one-third of the seats on PURE's board of directors will be up for grabs

Get Involved!!!

PURE invites all community members to participate, and we need your support!

Come on out and learn more about PURE, and help us design a sustainable energy future!



PURE Office - Now Open!

"Reduce the Juice" and PURE are extremely pleased to announce the opening of our first office at **116 Main St.** Shelburne (entrance via laneway at rear). Drop in during office hours and meet **Sarah and Sarah** - team leaders for Reduce The Juice, as they get ready for our busy summer energy reduction program for Shelburne residents.☺

◀ **EARTH DAY 2005** - Celebrating the raising of the turbine! by CDDHS students, teachers and PURE team members

CDDHS Green Power Project

PHASE II LAUNCHED on EARTH DAY

On April 22, 2005, the staff and students of CDDHS - Centre Dufferin District High School, and members of PURE - the Power Up Renewable Energy Co-operative, celebrated the completion of the Phase II of the CDDHS Green Power Project.

This occasion marked the first major solar and wind powered renewable energy system to be installed at an Ontario high school. Speakers at the event included: Ed Crewson - Mayor of Shelburne; Doug Morell - Principal of CDDHS; Jeff Wellman - lead teacher/coordinator of the Project; Matt Fairlie - PURE; Bob Borden - Chairman of



Earth Day Celebrations on the roof of CDDHS

UGDSB: Upper Grand District School Board; Tom Smith - Chief of Operations, UGDSB; Geoff Carnegie - Canadian Hydro; Randy Dryburgh - PURE; Chris Cosack - CDDHS Environment Club; **MP David Tilson** - MP for Dufferin-Caledon; and **MPP Donna Cansfield** - Parliamentary Assistant to the Ontario Minister of Energy.

Mr. Cosack noted that the Green Power Project “sets and important example of how Shelburne can grow sustainably”. Mr. Tilson stressed that “every day should be Earth Day”, referring to the global climate change indicators we see almost daily, including those now affecting Canada’s Arctic regions. Ms. Cansfield recognized the PURE and CDDHS team as the “conservation leaders of today - not tomorrow”. “It’s the right thing to do...”, she added, referring to Ontario’s energy future and the options we collectively face. “Students think outside the box”, she pointed out, referring to our schools as the ideal place for putting renewable energy ideas into practice.

The Green Power Project includes a 500-Watt Photovoltaic (PV) solar panel array, a 1.5 kW wind turbine on an 11 meter tilt tower, a battery storage system and associated monitoring equipment installed on the grounds of the high school. Students and teachers at the school have assisted in all phases of the project, and will be part of the maintenance and education team associated with the project in the future. ☺



CDDHS Student Leader demonstrates the control panel for the Green Power Project, including metering equipment, inverter and “grid tie” system

For more info on the Green Power Project, please contact: Randy Dryburgh, PURE/CDDHS Project Coordinator, 519-323-1074, randyjoy@distributed.net

Get in on the Action...

PURE has many exciting projects on the go, including community wind power, micro-hydro development, education programs and more. Visit our website or join us at one of our meetings and get involved!

Power Up Renewable Energy Co-op - Contact List

<i>Title or Committee...</i>	<i>Please contact...</i>
Board President	Richard Procter - (705) 434-1175
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Secretary/Networking	Jeff Gold - (519) 942-3978
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Our Mission

Power Up Renewable Energy Co-operative is a non-profit, mostly-volunteer group with a mission to create a “community based energy strategy” in Dufferin County and the Headwaters region, established on the principles of encouraging sustainable and responsible energy generation and use.