

## News Release

# Canadian Couple Gets Real about Solar Power with Xantrex

**VANCOUVER, CANADA, June 28, 2005** – A Canadian couple from Palgrave, Ontario has demonstrated that solar power is not only real in Canada, but can significantly reduce a home's electric utility bills. Recently, the couple completed the installation of a grid-tie solar electric system in their 4,000 sq. ft. home. The system includes a Xantrex GT 3.0 Solar Grid Tie Inverter, designed and manufactured by Vancouver-based Xantrex Technology Inc. (TSX:XTX).

"Contrary to what most people believe, you don't have to live in California or Arizona to have a viable solar energy electric system in your home," said Lloyd Gomm, Xantrex Director of Renewable Energy Markets. "A solar grid tie system will work efficiently in Canadian climates too."

The Palgrave house is located in a rural area north of Toronto. Adjacent to the house is a large shed with a south facing roof where the solar array is located. The solar array, consisting of eight Sharp solar modules, generates DC power, which the Xantrex GT 3.0 Solar Grid Tie Inverter converts into AC electricity for the home, thereby reducing the utility power purchased. The system is expected to produce 1.8 Mwh of electricity per year. Depending on the time of year, it could provide anywhere from 50% to 80% of the electricity for the home.

"Most homeowners believe that our Canadian climate is not conducive to producing solar electricity," said system installer [Steve Eng, Energy Engineer for Enviro-Energy Technologies Inc.](#) "In fact, solar electricity is generated from light and not heat, and clear skies are not essential. If you can see well enough to find your way around, a solar panel could be generating electricity."

In this region of Ontario, Steve Eng explained, there are on average 3.6 hours of peak sunlight each day. "In three days of rain and cloudy periods in May, for example, this particular system generated 19 kWh of solar electricity," he said. "That's pretty good. Germany has less sun hours than a lot of places in Canada, but Germany is number two in the world for generating solar electricity.. Solar power is a very viable option for Canadian homeowners. It provides clean distributed power generation, decreasing the need to build large centralized power plants and high voltage power transmission lines."

The couple estimates their yearly utility bills prior to this installation to be about \$900. Now that they have solar power, they expect to pay less than \$500 annually for electricity from the grid. Unlike the U.S. where renewable energy rebates are prevalent, there are no incentives, rebates or credits available through their local utility or local government.

Eng said, "This couple will not be able to recoup their investment as quickly as some of our American neighbours, but the financial investment was not their primary motivation for going solar. They are very active in their region on environmental issues and committed to promoting a healthier environment in the community where they live."

**About Enviro-Energy**

Based in Markham, Ontario, Enviro-Energy Technologies Inc. ([www.enviro-energytech.com](http://www.enviro-energytech.com)) specializes in the custom design and installation of grid-tie solar, wind renewable energy systems for the commercial and residential markets. The company's engineering expertise ensures that all system designs meet electrical safety approvals and the requirements of the Local Distribution companies (LDC's) in Ontario.

**About Xantrex**

Xantrex Technology Inc. ([www.xantrex.com](http://www.xantrex.com)) is a world leader in the development, manufacturing and marketing of advanced power electronic products and systems for the distributed, mobile and programmable power markets. The company's products convert raw electrical power from any central, distributed, or backup power source into high-quality power required by electronic and electrical equipment. Headquartered in Vancouver, British Columbia, the company has facilities in Arlington, Washington; Livermore, California; Elkhart, Indiana; Barcelona, Spain; Beijing, China; and Reading, England.

For more information about the GT-3 Grid Tie Solar Inverter, please refer to the Xantrex web site at <http://www.xantrex.com/web/id/172/p/1/pt/25/product.asp>

Note that this news release contains forward-looking statements related to Xantrex Technology Inc. Such statements reflect the current views of Xantrex with respect to future events and are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated in these forward-looking statements.

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