

HARVESTING THE WIND

Installing A Home-Sized Wind Turbine

Sept. 20, 9:30 – 5:30 (rain date: Sept. 21)

\$ 85.00 Maximum 10 participants

Lunch and snacks included, hard hats provided.

This workshop is a unique opportunity for Northern Ontario: participants will take an active part in putting up and installing Nolalu Eco Centre's own 85-ft tall, 1 kiloWatt wind turbine. We'll start with a quick introduction on how wind power works and what it can do for us; then we'll go over the essentials of this specific installation and how it was designed: foundation, sizing, cabling, wiring. Safety issues are also an important part of this module.

After lunch we'll venture outside and get to work under the expert guidance of designer/installer Frank Ilczyszyn. We'll position the tower, place guy wires and anchors, go over final assembly, set up the lifting mechanism – and then the Big Moment: lift the tower and witness produce its very first clean energy!

Workshop coordinator: Frank Ilczyszyn (pronounced "Elchesin"). and Hubert Den Draak

Frank is the Owner Operator of Frank's Alternate Energy, specializing in custom design and professional installation of "off-the-grid" solar and solar/wind hybrid systems for cottages and homes since 1994.

He lives and works entirely "off-grid", generating power through a substantial solar & wind system by his own design.

Frank has taught numerous Renewable Energy courses with Jane Oldale, and loves to give attention to detail in all aspects of his work. Frank still gets his kicks from the knowledge that each new system he puts in is another step towards a cleaner, better future.

When not busy detailing system installations for his clients, Frank enjoys watching the metering on his own RE system and is in tune with how it responds to the weather. Frank grew up on a small farm in the Slate River Valley and is a connoisseur of fine locally grown organic garlic.

Frank's Alternate Energy; <http://www.sunwindwater.com/>