

▶ Training Centre Grand Opening



Opened on June 9th, 2007 as part of the annual Eco-Solar Home Tour, the Trimline Training Centre offers courses on most renewable energy technologies. By gathering some of the best minds in Edmonton (and Canada), the training centre is designed to offer courses for all sectors, from general interest to the homeowner, and in the building industry from the inspector all the way to the installer. The courses will be offered in three formats. Introductory courses in all subject areas will be offered in evening, ½ day or one day format. Detailed information with hands-on installation will be offered in a 2 day format. Dealer and certification courses will be offered in a 5 day format.

▶ Courses *Invest in your energy future...take a course this summer!*



Solar Electric Power

Select your training in all aspects from economics to system design, including on and off grid systems.



Solar Thermal Heat

Solar thermal water collection; geothermal heating and hydronic systems.



Wind and Hybrid Power

Covering the combination of solar power and wind to create sustainable hybrid systems.



Sustainable Living

Straw bale construction; sustainable environments; carbon busting; biodiesel fuels; grey water recycling and thermal energy storage.

Courses are offered in 1/2 day & evenings, as well as one, two and five day formats.

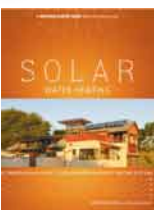
Solar Electricity – Grid systems
Solar Heating - Water
Geothermal Systems

Sustainable Environments
Biodiesel – Make your own
Carbon Busting for fun & profit

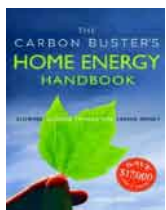
Straw Bale Construction
Thermal Energy Storage
Solar Hot Water Collectors – Make your own

Registration now available on line for all of our courses. Check our calendar for the full schedule.

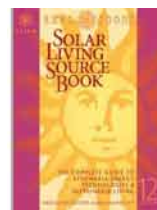
▶ Our Newest Learning Resources



Solar Water Heating
A Comprehensive Guide to
Solar Water and Space Heating
Systems
By Bob Ramlow
With Benjamin Nusz



The Carbon Buster's
Home Energy Handbook
Slowing Climate Change and
Saving Money
By Godo Stoyke



Real Goods Solar Living Sourcebook
12th Edition
The Complete Guide to Renewable
Technologies and Sustainable Living
Edited by John Schaeffer

Visit www.trimlinedesigncentre.com for our complete selection of resources. More being added each week!

▶ Our Featured Product

Grey Water Recycling

Use your sink, bath and wash water and recycle it through your toilet system.



The W-200 is our most popular tank, designed for homes with 5 or less people who want to save money on their water bill, while helping the environment.



An Example for Canada

The City of Toronto is calling on industries, businesses and residents to reduce water use. Toronto's WaterSaver Program helps businesses that use a lot of water to identify areas that may be 'wasting' water and offers solutions and cash incentives.

Industrial, commercial and institutional facilities that successfully reduce water use can:

- receive a rebate (30 cents per litre of water saved)
- control and reduce operating cost
- save money
- use rebates to reduce the costs of installing permanent water saving hardware and equipment
- run more efficiently

This program allows the City to buy back water or sewer capacity that has been freed up by participants who have reduced water use in their operations. The City of Toronto wants to help your organization to lower unnecessary water use. The sample case studies show how some businesses are already saving water and money.

Why be concerned about water?

The industrial, commercial and institutional sectors make up three per cent of Toronto Water customers, but use more than one-third of the water produced by the City. Some of this water is used needlessly and is costing you money. Toronto's population will grow by 250,000 people in 2011, and more water services will be needed for the growing city. By reducing unnecessary water use in your area, you will help to avoid building an expensive infrastructure and contribute water for a growing population [View entire article...](#)

▶ Canadian Energy Bytes

Mossadiq Umedaly is a B.C. businessman who's hoping Ontario will produce Canada's first home-grown solar market. His company, Xantrex Technology, is a world leader in advanced power electronics, including electronics for solar photovoltaic systems. His company, Xantrex, is Canada's only significant manufacturer of solar products. The company builds high-end components called invertors, essentially the brains of a solar system. Invertors convert the energy from solar panels (which collect DC power) and transform it into AC power (which we draw from our outlets).

...recently, Mossadiq came to Ontario, drawn by what he was hearing about the provincial government's plans to introduce standard offer contracts - an incentive program to kickstart a renewable energies industry in Ontario. The government will announce details this fall of its plan to offer 20-year contracts to small producers of renewable power. Solar energy will fetch the highest price of all the renewables, at 42 cents per kilowatt hour, compared to 11 cents for wind and bio-mass fuel. The reason: solar technology is the most expensive and least developed.

Jed Goldberg is one of those solar pioneers who's willing to invest in the technology now. He's been organizing neighborhoods in Toronto to go solar. The first such effort involved 75 homeowners in an east-end neighborhood who came together to make a bulk purchase of rooftop solar photovoltaic panels. His latest initiative is called WISE, the West Toronto Initiative for Solar Energy. [View entire article...](#)

▶ International Energy Bytes

SOLAR REVOLUTION: Owning Your Own Power

There's a solar revolution going on and Germany is leading it - switching to solar energy faster than any other country in Europe. Energy experts estimate that in 40 years, Germany - one of the most industrialized countries in the world - will be entirely powered by clean energy. It seems like a miracle. But there is an explanation - it's called "standard offer contracts" - an agreement by the government to buy solar power from individuals. It's helped kick-start a solar revolution in Germany, along with a revolution in power distribution. [View entire article...](#)