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▶ Only One Lightbulb?

**ONE 100-WATT
INCANDESCENT LIGHT BULB
COSTS ABOUT 50 CENTS.**



- Running that bulb for 10 hours costs about 10 cents.
- The cost of a 115-watt photovoltaic module to provide solar power to that bulb is about \$900.
- The photovoltaic system would only work while the sun is shining.
- A five-room house with five 100-watt bulbs would require five modules costing about \$4,500.
- A 15-watt compact fluorescent producing as much light as the incandescent bulb costs about \$3.
- Five of the fluorescents can run on one photovoltaic module.
- Spending another \$7.50 on fluorescents can save \$3,600 on the modules.

▶ Courses

NEW WEB ADDRESS FOR THE TRAINING CENTRE!

www.trimlinetrainingcentre.com

Technology Instruction Available

- 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

The word about the training centre keeps spreading and last month we celebrated our first full class - our one day overview of straw bale construction. The Training Centre was featured in the Edmonton Journal's article about straw bale construction. We are very grateful to the many publications who have so generously made the public aware of what we have to offer.

Students travel from all the Western Canadian provinces to learn about the many renewable energy systems and are using the information in some interesting ways. One student who has taken a few of the courses, shared this knowledge with his son, who entered his Grade 9 Science Fair with a Straw Bale building design attempting to achieve Net Zero energy. Very exciting! Here's a picture!

Stay tuned and visit the website often for updates on new courses and events, including our upcoming One Year Anniversary Celebration!

Sustainable Living Meets Grade Nine Science Fair



Full course calendar and registration now available on line.

▶ Our Featured Product

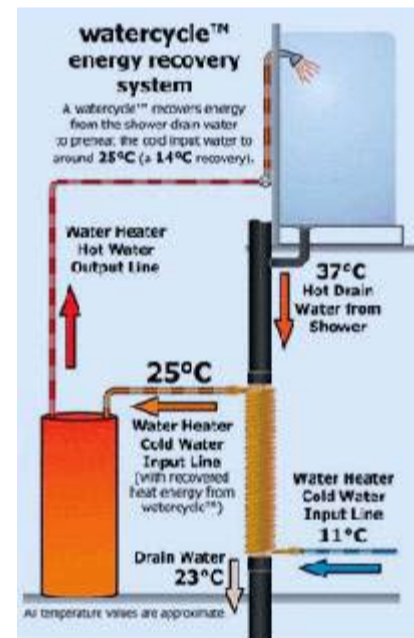
RECOVER ENERGY FROM THE WATER

Watercycles HX-3030

Drain water heat recovery is the practice of recovering the thermal energy we throw away down our drain.



- Save money on hot water heating
- Extend the life of your hot water tank
- Ensure pre-heated water is entering tankless hot water heater
- Extend the days a solar system can provide hot water without backup
- Consumes no energy
- Simple design, 100% Recyclable
- Reduces Carbon emissions



Learn ways to reduce your heating bills. Take a course at Trimline Training Centre.

▶ Our Newest Resources

Shop on-line www.trimlinedesigncentre.com for our complete selection.



Made in Alberta DVDs
New Energy Series independently produced in Edmonton. First season features Trimline Design Centre.



Layman's Guide to Contracting Your Own Home
Step by step guidelines on how to be your own contractor. By St. Albert author, David Caldwell



Rainwater Collection for the Mechanically Challenged
Smart enough to teach anyone how to install a personal rainwater collection system. By Banks & Heinichen

▶ Canadian Energy Bytes

Feb 8th, 2008

Ontario Okays Wind Power in the Great Lakes

by Stacy Feldman -

Tapping the gales of the Great Lakes for electricity has never been done. Until now. The Ontario government has just lifted its moratorium on developing offshore wind farms, and there are already 14 projects waiting in the wings.

The moratorium has been in place since November 2006. NIMBYism the culprit. Residents feared the turbines would be giant eye soars, blocking their majestic lake views and shrinking their property values. [Full Details...](#)

▶ International Energy Bytes

February 22, 2008

Energizing India to Provide Micro-Loans for Renewables

Boston, Massachusetts [RenewableEnergyWorld.com]

Green Microfinance (GMf) and MicroEnergy International (ME) have announced the launch of Energizing India. The microfinance institution, Evangelical Social Action Forum (ESAF), has contracted with Energizing India in its endeavor to provide micro energy products for its 232,310 clients (micro-businesses and families) in four Provinces in south India. Energizing India will provide clean energy products to ESAF's clients and will establish working relationships among ESAF and various renewable energy providers. [Full details...](#)