



EcoLiving Tour

June 20, 2009

Tour Guides: Dave Kelly – Sedmek/Skyfire dkelly@sedmek.com
Daryl Walz / Judi Vandenbrink - EcoLiving Events

9:15am Eco-Friendly Yard 10 Aspen Hills Way SW.
Facilitators: Laureen Rama

A newly completed eco-friendly yard that features food production with vegetable beds and fruit trees and bushes, beds of native and hardy plants, eco-lawn, rain capture systems, and use of local and sustainable materials.

Laureen Rama, eco-friendly landscaper and author of *Eco-yards: Simple steps to earth-friendly landscapes*.

10:15am Olympic Height School 875 Strathcona Drive SW
Facilitator: Colin Dumas, [Terry Tobin](#), [Bonnie Chandler](#)



ENMAX GEN E Program and the *Skystream* 3.7 wind turbine at Olympic Heights School.

Connected to the school utility meter and ENMAX electrical grid. Students stood in awe as they watched the crane gently lift the 12.2 metre turbine tower as the crew attached the base to the strong cement foundation. After the wires and cables were in place, the bolts were secured; the turbine was ready to convert the kinetic energy of wind into clean, electrical energy for years to come!

11:15am PV Solar Roof 387 Hawkcliff Way NW
Facilitator: Luc Savoie



Installed in the fall of 2008, this 7.2 kW grid – tied solar electric system is the largest residential system in Calgary. 36 high efficiency Sanyo 200W modules are integrated into the corrugated concrete tile roof. An SMA 7000W inverter converts the DC electricity of the modules into the AC electricity of the home and grid. Both the home owner and representatives from the installation company will be on hand to explain the finer points of the installation as well as the process involved in becoming a 'Microgenerator' through the Alberta Utilities Commissions new grid-tied regulations.

12:15-12:45 Lunch

1:00pm Solar Air Heater 36 Whitnel Place NE

Facilitator: Greg & Maureen Routley
403-650-3841



- Canadian invented Solar air heater that works independently of but complimentary to the existing heating system. The attached video link from a CBS news affiliate in Denver Colorado did a segment on it on their evening news; <http://cbs4denver.com/green/pop.cans.solar.2.912499.html>
- Cansolair RA240 Solar Max solar air heater. It takes air from inside the house, through the solar panel and then returned into the living space. We have an electronically commutated motor in our furnace that is over 70% more efficient than a standard direct drive alternating current furnace motor
- Honeywell VisionPro IAQ (indoor air quality) programmable thermostat
- All windows are triple glazed low emissivity argon gas filled. This virtually eliminates heat loss/gain through glazing. A solar light tube in our bathroom
- Other sustainable items: composter, compact fluorescent bulbs, Vortens low flow toilet

2:00pm Insulated Concrete Forms and Geothermal 323 – 11 Street NW

Facilitator: Peter Mauro - email 1211quattro@gmail.com



Advantage Insulating Concrete Forms (ICF) from Plasti-Fab Ltd. create monolithic walls' made from Expanded Polystyrene (EPS) and concrete that results in a structure that has high thermal value resistance, low noise transference and is very airtight. This project is partnered with other energy efficient technologies like Geothermal Heating, ceiling insulation with Spray Foam Insulation and LED Lighting.

3:00pm Climate Change Central #100, 999 – 8th Street SW

Facilitator: Janet Gehring

This office space contains: natural lighting, fabrics with no toxic material, low flow toilets and showerhead, certified wood – a renewable resource, eco-efficient carpeting made from recycled materials and installed as tiles so can replace a small area at a time and maple veneer reception desk made from salvaged logs.

Thank you for participating in the EcoLiving Tour, your interest in protecting the environment and your commitment to learn about energy efficient, environmentally friendly, sustainable technologies.

***For more information please attend the
EcoLiving Fair & Speaker Series - September 26 & 27, 2009
10:00am- 4:00pm at Mount Royal College***