

MID-WINTER OPEN HOUSE

EDMONTON'S 1ST TWO NET ZERO ENERGY HOUSES

Saturday, March 14, 11am to 4:30pm

Riverdale NZE house

9926 87 Street

www.riverdalenetzero.ca

(from Jasper Avenue, go south on 95 Street and follow the road next to the river valley for 1 km)

House is completed, all systems are operational

- feel the remarkable power of solar heating on a cold winter day, see the simplicity of solar power
- learn what is possible and what are the costs



Mill Creek NZE house

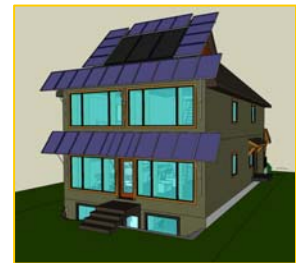
9805 84 Avenue

www.greenedmonton.ca

(from 99 Street and Whyte Avenue, go 2 blocks north, 1 block east)

House is now being drywalled, wall details are visible

- see the latest in net zero energy technology
- solar-heat windows, solar heated floors, tiny wood heater, moveable solar PV awning concept



What are they?

- two beautiful new houses that generate all their own heat and electricity for space heating, hot water, lighting and appliances over the year
- Riverdale NZE is one of 15 homes in CMHC's world-class Equilibrium Sustainable Housing Initiative, www.equilibriumhousing.ca



Features – what to see, what to find out, what ideas you can use on your own house

- energy and water efficient construction and appliances reduce heating by 65%, hot water by 75%, and electricity use by 50% for upgrade cost of less than \$20,000 from standard construction
- water heat recovery, air heat recovery, LED lighting, rainwater harvesting
- remaining energy comes from passive solar thermal, active solar thermal, and solar electricity
- sustainable materials, healthy indoor air quality, eco-landscaping

Annual utility bills (with zero energy emissions)

- natural gas bill: \$0; water bill: around \$400 for family of 4
- electricity bill: \$150 to \$250 for connection to grid including credit for surplus electricity

To contact us – info@riverdalenetzero.ca

Project team members are on site to explain everything and answer your questions.

— You are welcome to send this around to your friends and colleagues —

Healthy, Sustainable, Net Zero Energy