

A Commercial Net Zero Energy Remodel

Warren Sarauer

Evergreen and Gold Renewable Energy

December 7, 2011 at 7:00 pm

Grant MacEwan University – CN Theatre Rm 5-142

105 St. Building 105 St. and 105 Ave., Edmonton

www.solaralberta.ca

Free presentation and discussion. No registration required. Free refreshments at 6:30 pm +



How do you take a building whose business purpose is no longer viable due to market conditions and transform it into what will be the future in buildings - a carbon neutral footprint in a NetZero energy building? Business owner Warren Sarauer will offer a step-by-step portrait of the process of taking a fifty year old building and renovating it to the highest standards in energy efficiency without a sacrifice to function or aesthetics.

This commercial remodel successfully demonstrates designing a healthy workplace that retains the embodied energy in the existing building, while utilizing recycled materials, minimizing construction waste and even converting the land into a food producing property using native plants.

Our challenge today in addressing climate change is how to make ourselves sustainable as a society. Although transportation gets most of our attention, buildings make up 40% of our energy use. This project is a wonderful example of how a small business owner can make a difference.

Warren Sarauer is the current volunteer chair of SESA and a local small business owner who believes individual actions will eventually lead governments to do something of consequence regarding climate change. Warren owns the building, designed the retrofit and served as the general contractor for the renovation.

