



Better Choices  
Better Homes  
Better Lives



# Eco-Solar Home Tour 2017

Saturday June 3 2017 Noon to 4 pm

## St. Albert EE Retrofit Home

Tour Day: Saturday

Address:

Hosts: Homeowner

Parking: Available on Street

ESHT Rating: SC



### Summary points why people need to see your home

- Home is net positive (3 MWh) solar electricity generation
- Home owner reduced annual electric consumption from 12,100 kWh annually to 5,800 kWh annually
- Example of DIY Energy Efficiency

### What will people see and learn about at your home?

- Energy efficiency is the home owner's "biggest bang for your buck"
- Electric energy consumption reduction by up to 50% is possible without impacting lifestyle

### What are the main things people will see at your home?

- 9.01 kW Solar PV system
- Home Electricity Monitor Displays
- DIY Home Electricity Audit kit
- Solar & Thermal Cooking Demonstration
- Portable Solar PV & Lighting
- Poster: step-by-step DIY electricity audit

### Are there main items that they can't see?

- Solar PV Inverter
- LED lighting throughout home
- Energy Star appliances
- The inefficient beer fridge ☺





Edmonton, Alberta

# Eco-Solar Home Tour -2017

## St. Albert EE Retrofit Home

### Why is this home on the tour?

Energy efficiency is the home owner's biggest "bang for your buck." With a bit of effort, home owners can complete a DIY home electricity audit and reduce wasted energy. Home electricity monitors help keep wasted energy at a minimum. Energy reductions of up to 50% are possible without impact to lifestyle. Smaller solar PV systems are then needed to achieve net-zero electric power. Net-positive electric power generation can be used to provide fuel for electric vehicles or sold to offset fixed charges.



### What features save on energy costs?

- New triple pane energy efficient windows
- LED lighting throughout home
- Home electric energy monitoring
- Programmable thermostat
- 9 KW solar PV system
- Energy Star appliances

### What features save on water costs?

- Rain water collection barrels
- Low-flow shower heads

### Are there any other special features you want to highlight?

- Home electricity monitors
- Electric battery lawnmower
- Solar & Thermal cooking
- Power bar used to eliminate "ghost power"
- Deck awning keeps kitchen cool in summer

