



Better Choices
Better Homes
Better Lives



Eco-Solar Home Tour 2017

Saturday June 3 2017 Noon to 4 pm

McQueen Energy Efficient Home

Tour Day: Saturday

Address:

Hosts: Homeowner and
Equity Built Homes

Parking: Available on Street

Energuide Rating: 86



Summary points why people need to see your home

- Insulated concrete form construction
- Solar PV panels on home and garage
- A different approach to a highly energy efficient home

What will people see and learn about at your home?

- What features support your Energuide rating?
 - ICF building pros & cons
 - Blower door testing
 - Grid connected solar

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

- Insulated concrete form (ICF) walls
- Large (for the city) solar array
- Heat recovery ventilator
- Drain water heat recovery
- Full LED lighting

Are there main items that they can't see?

- Still under construction so everything should be visible



front



Edmonton, Alberta

Eco-Solar Home Tour -2017

McQueen Energy Efficient Home

Why is this home on the tour?

This home represents a practical approach to achieve high energy efficiency. ICF walls and high quality windows create a very airtight, relatively high R value building envelope at an attractive cost (both in terms of total dollars and in terms of less square footage lost to very thick walls).

What features save on energy costs?

- R33 ICF walls, R70 roof
- High attention to detail to ensure 100% elimination of thermal bridging
- Triple pane, dual Low E coated, gas filled fiberglass windows
- 11.84kW solar PV array

What features save on water costs?

- Low flow shower heads & taps
- Rain water recovery
- Low water landscaping

