



Better Choices  
Better Homes  
Better Lives



# Eco-Solar Home Tour 2017

Saturday June 3 2017 Noon to 4 pm

## Greisbach EE Home

Tour Day: Saturday

Address:

Hosts: Homeowner

Parking: Available on Street

Energuide Rating:

New Label Rated at 69 GJ



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

- Learn how a small household can be easily converted to net zero electricity.
- 3.8 kW solar system with monitoring unit
- Drain water heat recovery unit (passive system)
- Demand hot water heater
- HRV (Heat Recovery Ventilator)
- Landscaping for energy efficiency (shading)

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

- When first built in 2011 this home came with an Energuide rating from the builder, the homeowner invested roughly \$12,000 in energy efficiency upgrades (including the solar system) and had the house tested a second time under the new Energuide Label.
- This home speaks to the old & new Energuide Label Systems
- Demonstrates that any new home can be upgraded to Net Zero electricity (depending on energy requirements)

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

- Simple energy efficient solutions that offer high value for new homes such as:
  - Solar
  - Drain water Heat Recovery
  - How a simple landscaping trick can reduce home summer cooling needs and maximize passive solar gain in the winter.
  - Old and New Energuide Labelling



Edmonton, Alberta

# Eco-Solar Home Tour -2017

## Griesbach EE Home

### Why is this home on the tour?

*In 2011 when this home was built, it was built to normal building Industry standards. The insulation, value included R20 Fiberglass batt insulation in walls and R40 blown in insulation in the Attic as most home have. The builder, Landmark Homes included a few extra details that increased efficiency like an HRV unit, a tight building envelope and added Low E gas filled windows. The unique aspect about this home is that, after the possession date, the homeowner only needed a few extra energy efficient technologies to make it net zero electricity for the two people living in the home.*

*Information regarding the Old and New Energuide Label will be available for folks to review and ask questions about.*



### What features save on energy costs?

- Tight, insulated building envelope
- Drain water heat recovery
- Demand hot water heater
- HRV (Heat Recovery Unit)
- Solar PV system
- Programable Thermostat

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

- Landscaping includes a large deciduous tree
  - Shelters home from overheating in the summer months
  - Maximizes passive solar heating in the winter months

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

- Insulation (but can be seen in the basement)
- Building Envelope System