



# Eco-Solar Home Tour 2022

Saturday 18 June, 10 am to 5 pm

## Lethbridge County NZE Home

Tour Day: Sat 18 June  
Hosts: Homeowners  
Parking: In driveway  
Energuide Rating: 0 GJ/yr



### Why people need to see your home

- Large solar array
- Unique geothermal set up
- Environmentally conscious products all throughout the home

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

- Solar power
- Geothermal heating and cooling using a pond
- Insulation that is R50 (walls) to R100 (ceiling)
- How the house is strategically built to utilize passive solar

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

- Solar array
- Unique build and design
- Pond and geothermal set up
- Electric vehicles

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

- Insulation





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### Why is this home on the tour?

We have been in the business of renewables for the past 21 years, and it was always our dream to build a net zero home, and now that dream has come to reality. We believe we have a very unique and interesting home with a lot of features that are both environmentally responsible and financially feasible, and we hope to give others motivation to follow the same path.



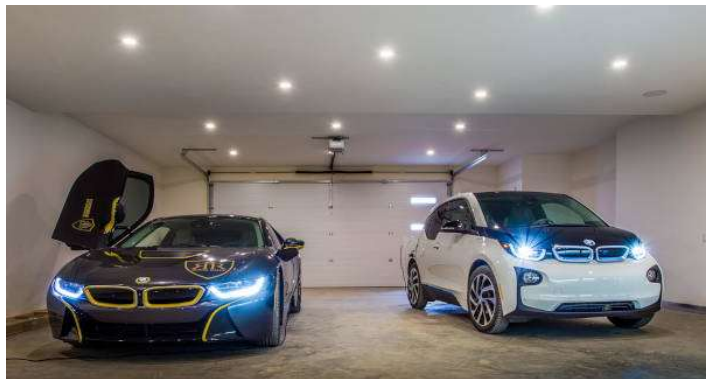
### What features save on energy costs?

- Updated Geothermal
  - New high-efficiency unit added
- 20 kW Solar System
- Air Source Water Heater
- Air Source Garage Heater
- Heat Recovery Ventilation System
- LED Lighting
- High Efficiency Appliances
- Drain Water Heat Recovery
- R50+ Walls
- R100+ Ceiling
- Triple Pane Tilt & Turn Windows
- Passive Solar Design



### What features save on water costs?

- High Efficiency Low Flow Toilets
- Low Flow Shower Heads
- Low Water Consumption Washing Machine and Dishwasher



### Other special features

- 2 x Electric Cars
- Pond utilized for geothermal heating and cooling system
- Unique and modern design
- Award Winning Home (#1 Net Zero Home Alberta)

