



Eco-Solar Home Tour 2018

Sunday 3 June 2018 Noon to 4:30 pm

Strathearn NZE Home

Tour Day: Sunday
Address: 9303-87 St NW
Hosts: Homeowners and
Habitat Studio
Parking: On Street
Energuide Rating: 7 GJ/year



3 LEAFS



Summary points why people need to see your home

- Double Wall Construction (R-40 wall insulation and R-80 roof)
- 27 Solar Panels on a south-facing roof
- Passive Solar Heating (south window array)
- All electric heating—no gas
- LED lighting throughout the house
- Low-flow toilets and faucets
- Mother-in-law suite

What will people see and learn about at your home?

- Air Source Heat Pump
- Electric Water Tank
- Solar Power System

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

- Air Source Heat Pump
- Electric Water Tank
- Solar Power System

Are there main items that they can't see?

- Insulation

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Why is this home on the tour?

My wife and I have been going on the Eco Solar Tour for years and now get the chance to give back. In 2015 we finished our dream home, a net-zero house built by Habitat Studio. This house features a mother-in-law suite and still incorporates all the cutting-edge technology to make it a truly energy efficient home. We were motivated to build a home that would meet the needs of our family and also lessen our impact on the environment in building a larger home. This house is a unique example of providing multi-generational living space with modern environmental technology to reduce our energy consumption.



What features save on energy costs?

- 27 Solar panels
- High Efficient Air Source Heat Pump
- Super Well Insulated



What features save on water costs?

- Low Flow Faucets
- Low Flush Toilets
- Rain barrel Water Capture and Storage

Are there any other special features you want to highlight?

- Passive Solar Energy through window design
- Sustainable cork flooring