



# Eco-Solar Home Tour 2018

Sunday 3 June 2018 Noon to 4:30 pm

## Fraser Vista NZE Home

Tour Day: Sunday

Address: 710 Fraser Vista  
NW

Hosts: Sheffie Kalat-Malho  
and Net Zero Developments

Parking: On Street

Energuides Rating: 0 GJ/yr



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

- NetZero achievable on a large 4000 sqft+ home.
- To showcase the building strategy and technology required for energy efficiency and NetZero building.

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

- What features support your Energuides rating?
  - Air Source Heat pump for Heating / Cooling
  - Air Source Heat pump for Domestic Hot Water
  - Building and Envelope Air-Tightness
  - Exterior and interior rigid foam systems providing Thermal Bridge free design
  - Solar Photovoltaic Panels supplying annual energy demand

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

- The mechanical room showcasing the high efficiency mechanical and plumbing equipment.
- Solar panel array covering the south facing roof pitch.
- High-efficiency appliances including induction cooktop.
- Triple-pane windows
- LED lights throughout.
- TED Energy Monitoring App.

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

- Air tightness, envelope seal and exterior foam
- Micro inverters for Solar PV system versus the traditional string inverter.
- Rigid foam under basement slab
- R80 blown insulation



3 LEAFS



# Eco-Solar Home Tour -2018

## Fraser Vista NZE Home

### Why is this home on the tour?

An enthusiast that aims to educate the community on technology readily available to bring any size home to NetZero without breaking the bank.

### What features save on energy costs?

- Airtightness and envelope seal ensure minimal heat losses
- Thermal Bridging is minimized
- Triple-Pane Low E windows
- Drain water heat recovery
- Air source heat pump heating
- Air source heat pump water heating



### What features save on water costs?

- Drain water heat recovery
- Low Flow Faucets and toilets
- Artificial grass

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

- Electric Car Charger in garage
- Micro inverter Solar panel system

