



Eco-Solar Home Tour 2018

Sunday 3 June 2018 Noon to 4:30 pm

Fraser Vista NZE Home

Tour Day: Sunday
Address:
Hosts: Net Zero
Developments
Parking: On Street
Energuide 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 Energuide 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



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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

