



Eco-Solar Home Tour 2025

Saturday 14 June, Noon to 5 pm

St Andrews NZE Retrofit

Tour Day: Sat 14 June

Address: 1560 Windsor St NW

Hosts: Homeowners

Parking: On street

Energuide Rating: 0 GJ/Year



Summary points why people need to see your home

- Deep Energy Retrofit of a 1950s Bungalow – See how a full-scale remodel brings an older home up to net-zero performance with modern energy efficiency upgrades.
- Exterior Insulation & Air Tightness – Learn how insulating from the outside improves energy efficiency while maintaining interior space.
- All-Electric Future-Proofing – Discover how upgraded 200AMP service, air-source heat pumps, and solar panels eliminate reliance on gas.
- High-Performance Windows & Doors – Experience how Inno Tech windows and doors enhance comfort, efficiency, and durability.

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

- Full scale deep energy retrofit Renewable energy (solar)
- Exterior insulation
- Air sourced heat pump and heat pump water heater
- Inno tech high performance doors and windows





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St Andrews NZE Retrofit

Why is this home on the tour?

The home is undergoing a retrofit because I wanted a higher performance and resilient build. It will showcase a 1950s bungalow getting updated to current standards and also achieve net zero performance. The reason we didn't do a full new build was due to costs. It's a full remodel with changes in floorplan to accommodate our family needs. Since it's a full remodel with limited interior space the insulation is exterior. Having a full remodel also allowed us to have a easier time with air tightness and weather proofing. Since most things in the house will be new it was not too difficult to go full electric. We did upgrade the electrical service to 200AMP to future proof the property (I would have liked for 400 AMP if they would let me).

What features save on energy costs?

- High insulation value
- Solar panels
- Disconnection from gas service

What features save on water costs?

Other special features

- Fully electric home

