



Eco-Solar Home Tour 2026

20th June, Saturday Noon to 5 pm

Edgemont Retrofit Home

Tour Day: 20th June,
Saturday
Address:
Hosts: Homeowners
Parking: Residential Area
Energuides: 161 GJ/yr



Summary

- **Major 2025 renovation** transforming a conventional home into a high-performance, future-ready space
- **Advanced air-sealing and insulation upgrades** using Aero Barrier, spray foam, and R40 attic insulation
- **Barrier-free, accessible design** built for aging in place with mobility-friendly layouts
- **High-efficiency upgrades** including triple-glazed windows, new doors, and heat-pump appliances
- **Electrification & EV readiness** with heat pump systems and Level 2 EV charging

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

- Spray foam areas that are prone to air loss, Rim joist and exposed floor of room above garage
- Aero barrier treatment to seal home
- Topped up ceiling insulation to R40
- New doors and triple glazed windows
- South facing bonus room with ample windows



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Why is this home on the tour?

We went through a major renovation in 2025 (July to November); Home was made more accessible: Open corridors for walker and wheelchair access and prepare for future stair lifts and a garage lift. Functional main floor making space more efficient to live in and move around. The primary ensuite was enlarged and reconfigured to provide a barrier free wet room offering ease of use and accessibility. Hardwood floors on lower and main level, new kitchen on the main level; replaced all appliances.



What features save on energy costs?

- new doors, windows,
- topped up insulation to R40,
- spray foam rim joist,
- underside of room over garage,
- aero barrier treatment to improve air tightness and reduce energy loss.
- Engineering inspired upgrades,
- solar arrays,
- new all in one wash and dryer with a heat pump dryer,
- heat pump for heating and cooling.

What features save on water costs?

New fixtures and toilets

Other special features

- Aging in Place: Design spaces to allow long-term living in comfort and safety
- New efficient kitchen with thought given to being able to efficiently move around and prepare meals with a large functional island and banquette.
- Enhanced Upper Floor with a multifunctional room that includes areas for tea, TV viewing, laundry and south and west facing windows for lots of sunlight.
- A living area that flows easily from one function area to another to allow for living in comfort.
- Well, thought out guest area with full bath adjacent to the bedroom.
- Level 2 EV charging to accommodate a plugin hybrid vehicle. Also suitable for full EV charging.

