



Eco-Solar Home Tour 2026

21st June, Sunday Noon to 5 pm

Oakridge Retrofit Home

Tour Day: 21st June,
Sunday
Address:
Hosts: Homeowners
Parking: on street
Energuide: 36 GJ/yr



Summary

- Deep energy retrofit
- Added insulation to exterior of home
- Air source heat pump
- Electric vehicle charging

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

- Exterior wall addition of 9" dense packed cellulose insulation
- Triple-pane European style windows/doors
- Cold climate air-source heat pump
- Energy recovery ventilator
- Solar panels
- Radon mitigation system
- Home performance monitoring



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Oakridge Retrofit Home

Why is this home on the tour?

This is a 1979 vintage 2-story home that underwent a deep energy retrofit in 2025. A nice example of substantially improving the energy efficiency, comfort, and resiliency of the home you already have rather than starting from scratch with a new build. Improvements include exterior insulation, windows, doors, dual zone cold-climate air source heat pumps, ERV, Radon mitigation, resilient metal roofing plus solar panels, and air quality/energy monitoring systems. The owners have also switched to EVs. This retrofit was done without having to upgrade the original 100 Amp electrical service through automatic load shedding.

What features save on energy costs?

- Exterior wall addition of 9" dense packed cellulose insulation
- Improved attic insulation
- Air sealing
- Triple-pane European style windows/doors
- Cold climate air-source heat pump
- Energy recovery ventilator
- Solar panels
- Induction range
- LED lighting

What features save on water costs?

- Low flow toilets
- Rain collection system
- Minimal lawn area

Other special features

- Electric cars w/ charging

