



# Eco-Solar Home Tour 2024

Sunday 9 June 10 am to 5 pm

## Windsong NZE Geothermal

Tour Day: Sun 9 June  
Address:  
Hosts: Homeowners  
Parking: On street  
Energuide Rating: 21 GJ/yr  
(expecting 0 GJ with bill verification)



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

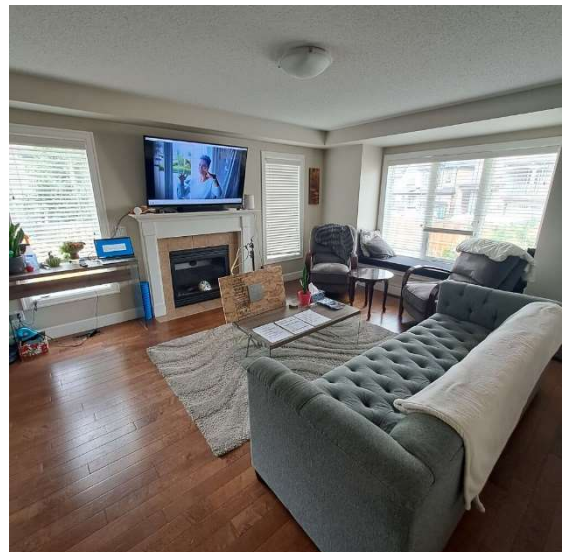
- Unique “no construction” NZE upgrade
- Uses an aerosol to improve home air tightness
- Done without demo, disruption, and can be done in the city.

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

- That an active approach can be done in existing homes
- Is it more cost effective than a passive (insulation approach)
- Comfort of the home is still better than it was without extra insulation
- No secondary heating necessary so, house kept the original electrical service to the transformers, and we have an EV!

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

- A presentation of the process
- Videos of the process
- Mechanical room





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## Airdrie NZE Geothermal

### Why is this home on the tour?

We wanted to showcase this house as this may be the first of its kind to achieve NZE without any demolition, in about 6 weeks. Also, we did not increase the electrical service size between the transformer and the electrical meter base. Our electrical bills in winter are (without the solar contribution) less than last year with the natural gas furnace.

### What features save on energy costs?

- Aerosol home sealing system to improve air tightness
- Ground source Heat pump
- Solar generation
- No more natural gas admin fees

### What features save on water costs?

- Desuperheater water heating tank

### Other special features

- Electric car

