



Eco-Solar Home Tour 2021

Saturday 12 June, 1:40 to 2:20 pm

Inglewood Retrofit Home

4 Elements

www.4Elements.eco



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windows + doors



SkyFireEnergy
Solar Energy Systems

Calgary



SOLAR
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Tour Day: Saturday 12 June

Time: 1:40 to 2:20 pm

Hosts: Homeowners

Energuide Rating: 80

Why people need to see your home

- Don't tear down, do a deep-energy retrofit!
- Can the character of a 70 year old home be preserved, while transitioning to a low-energy home.



What will people see and learn about at your home?

- Extensive building shell improvements, including minimum of doubling of all insulation values (basement, walls, attic),
- Heating from basement up, with hydronic heat and on-demand water heater

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

- How to make the most of space (a family of 4 can live comfortably in a 1000ft² home)
- High efficiency space and water heating, solar PV, HRV,





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Why is this home on the tour?

The home represents a good example of a deep-energy retrofit. The home is approx 70 years old and was in need of major renovations for aesthetics and comfort. It represents a typical older, inner-city bungalow. Rather than knock-down and build new, the best of the character of an old home was maintained, but with an intent to have a state-of-the-art energy efficient home that would function well for the next 70 years.



What features save on energy costs?

- Extensive building shell improvements: windows, insulation, HRV, etc
- High efficiency furnace, hydronic basement heat, on-demand hot water, HE appliances
- 3.5 kW solar PV array

What features save on water costs?

- Front-load washing machine
- Low-flow shower heads
- Xeriscape landscaping

Are there any other special features you want to highlight?

- How a family of 4 can live comfortably in 1000 ft² house
- Attic storage, cold room

