



Eco-Solar Home Tour 2019

Sunday 9 June Noon to 4:30 pm

Crescent Heights Solar

4 Elements

www.4Elements.eco



SkyFireEnergy
Solar Energy Systems

CHE
POWER STRUCTURES



Tour Day: Sunday June 9th

Address:

Hosts: Homeowner

Parking: On street

Energuide Rating: unsure

Summary:

- Our home is an older house, 1930's built, and yet we have still benefitted greatly from solar panel installation combined with electric car charging with grid back up.
- A breakdown of all the costs will be posted and our solar installer will be available for your questions and you can sign up onsite for a free solar assessment of your own home.



What will people see and learn about at your home?

- Our visitors see first-hand the small size of the entire installation, touch it, push its buttons. We will let you know about the minor drawbacks like winter snow removal. Also, you will get a chance to take a test drive in an electric car. GoElectric, our friends and used electric car seller, will have several different makes to drive.

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

- Our East/West solar panels mounted on the garage, inverter with sub panel, electric car charging, bi-directional meter to the grid.

Are there main items that they can't see?

- Nothing much to see inside the house so the tour will take place in the yard and the garage. Electric car tours, and test drives.





Crescent Heights Solar

Why is this home on the tour?

We installed 6.1 kW, E/W facing solar array on our garage which powers the 48 amp electric car home-charging system and supplements our home electricity use. Our system has grid back up whereby we sell excess solar power generated (mostly summer) the back to the grid at the same price as we buy power from the grid (mostly winter). We are transparent about the benefits, draw backs, & post the final costs of solar retrofitting our older raised bungalow home. Our 2013 Tesla S (Nur Tessa) on display as it charges, and GoElectric will bring several makes of electric cars for your test driving.



What features save on energy costs?

- The 1930's house had empty air space between the inner and outer walls when we moved in. We blew borax-treated cellulose insulation into the walls and above the ceiling of the house. It has made a huge difference in winter energy.
- Natural gas hot water space heating
- Energy star appliances
- Next project for us is window replacement



What features save on water costs?

- Rain barrel
- 2 eco-quantum low dual flush toilets (3 litre + 6 litre)

Are there any other special features you want to highlight?

- Used 2013 Tesla S Electric car 'Nur Tessa' charged on garage mounted solar panels
- Organic lawn, and veggie/herb/strawberry/flower gardens & mature trees in the backyard
- Dry plant forest floor style front yard
- Child's play house in front yard build from scavenged back alley materials

