



Eco-Solar Home Tour 2022

Saturday 25 June, Noon to 5 pm

Eagle Terrace Solar Home

Tour Day: Sat 25 June

Hosts: Homeowners

Parking: on street

Energuide: n/a

Why people need to see your home?

- Grid-tied solar
- Electric vehicle
- Electric bike

What will people see and learn about at your home?

- How to add grid-tied solar to an existing home
- Making continuous small energy-efficiency upgrade

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

- Electric car and bike
- Grid-tied solar





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Eagle Terrace Solar Home

Why is this home on the tour?

Our house was constructed in the year 2000. Over the past 4 years, with the hopes to reduce our energy consumption, my husband and I have been making improvements to our house as they make sense. In the year 2018, we added a 5.49 kW roof-mounted, grid-connected solar array to our house which provides us with roughly 5.65 MWh of electricity annually. Any electricity that we produce is first used by our own domestic needs. If we produce electricity beyond this amount, it is sold into the grid at a competitive price. If we require electricity when the panels are not producing power, we can purchase the electricity from the grid like any conventional home. In 2019, we purchased

an electric bike and in 2020, we purchased an all-electric vehicle (EV). These technologies are most cost effective for us when they are being charged by our solar array. However, they are also efficient to use when this case cannot be made, and we are drawing electricity from the grid. In parallel, we have been making changes to the way we use electricity in our home (we are starting to employ the use of efficient electric technologies such as slow cookers, LED lights, and a smart thermostat which minimizes the amount of time the furnace fan needs to run) and we are starting to reduce some electricity consumption altogether (we hang-dry our laundry and chose to remove our electricity-powered hot tub which was beginning to see less use). These improvements are a work in progress.

