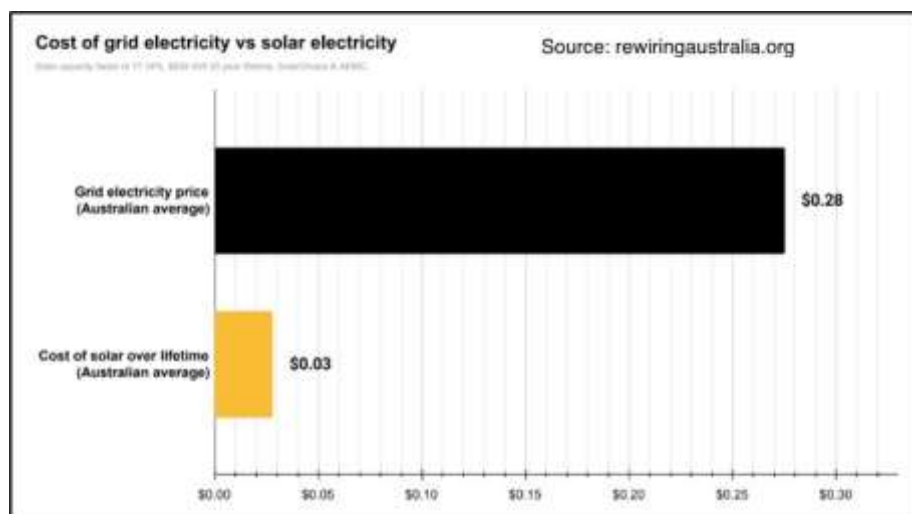


Rooftop Solar Panels

Solar Panels – an affordable and non-polluting form of electricity generation.

- Most install 5-10kW of solar (14-28 panels).
- Solar Quotes, Solar Choice and Solar Savers - 3 quotes, local quality installers.
- Avoid deals from unsolicited phone sales or brochures in the mailbox.
- Ensure quotes include details on the components proposed, layout, inverter location, inclusions/exclusions, expected energy output (kW) and installation constraints.
- Feedback tariff is not paid for systems with inverters over 5kW.
- Panel location: N facing is most suited but Synergy recommend placing some facing NW to increase solar buy back after 3pm.
- Old solar panels are 100% recyclable - wasolarpanelrecycling.com.au
- An average sized solar system pays itself back in around 3-5 years.
- Shaded Roof: microinverters are a huge development to overcome shade.
- A solar system requires a smart meter on your main connection, and if your switchboard is old it could also require replacement but not necessarily.
- Flat roofs will require the panels to be raised on brackets at additional cost.
- Sunspot Not-for-Profit have the Australian solar and battery savings calculator.
- Cheapest Home Energy in the world Over its lifetime rooftop solar costs about 3 cents per kWh. Combined with a home or community battery it's still cheaper than the grid.



References:

- <https://electrifyboroondara.org/learn/solar>
- <https://www.rewiringaustralia.org/>