



How to use renewable energy at home

Did you know the electricity you buy from your power company mostly comes from fossil fuels?

Our electricity grid contains electricity from a range of sources, some renewable (such as solar, wind and hydro) but mostly non-renewable (such as coal). This fossil fuel generation makes up approximately 70-80% of the electricity supply.

It's not possible to control which electrons (renewable or non-renewable) are delivered to your home - the electricity is all mixed in together. So how can you use renewable energy in your home?

1. Get solar panels

The only way to actually use renewable energy is to generate it yourself. Invest in solar panels so you can use clean solar power to run your Ohome while the sun is shining.

2. Get a solar battery

The only problem with solar panels alone is that any electricity you're not using when it's being generated will be exported to the grid and you'll still have to buy electricity from your power company at night.

However if you get a battery, you can store the excess solar power you're not using during the day to use later on when the sun goes down. So you could use renewable solar energy day and night.

Plus, getting a battery at the same time as your solar panels is the most cost-effective time to do so.



3. Get solar hot water or a heat pump

Heating water accounts for around 25% of the average home's energy use, so using solar power to heat your water will cut out a big chunk of the carbon footprint associated with your energy usage.

If you have solar panels already, look at getting a heat pump system. These are far more efficient than traditional hot water systems and can be scheduled to run during the day using your free solar power.

If you don't have solar panels, look into solar hot water which uses heat directly from the sun to heat your water.

4. Buy GreenPower - 100% renewable energy

We know not everyone can get solar, so what else can you do?

Switch to a GreenPower accredited electricity plan.

When you buy GreenPower, your electricity doesn't come directly from a renewable source to your home. However the equivalent amount of new renewable energy is added to the electricity grid on your behalf. So you can reduce your energy footprint, drive investment in Australian renewables and take real climate action.

Find out more about switching to GreenPower

Most power companies have a GreenPower option, so ask your power company about their GreenPower plans or compare the available plans to find the best one for you - there are some excellent options available.

For example, [Aussie-owned energy provider Mojo Power](#) offers [a GreenPower accredited electricity plan](#) with rates that beat some retailers' fossil fuel dominated plans.

Mojo gives you the option of 25%, 50% or 100% GreenPower and their plan comes with a smart meter*, so you get better visibility of your electricity usage to help you save.

[Find out more about Mojo Power's plan and get an exclusive Green Heart Fair deal for a limited time only.](#)

*Terms and conditions apply. This assumes that installation at your site is straightforward and does not have any hazardous or out of the ordinary issues. We will quote for any additional work.