



## Maximising Solar Power Savings

Without battery storage, your solar panels only generate power during daylight hours. To save on electricity bills, aim to use as much power as possible while the sun is shining. Here's how

### Here's what you can do:

Run or pre-program high-energy-consuming appliances like washing machines, pool pumps, dryers, and dishwashers to operate consecutively during the daytime hours. This allows you to utilise the solar energy produced efficiently.

### Timing is everything:

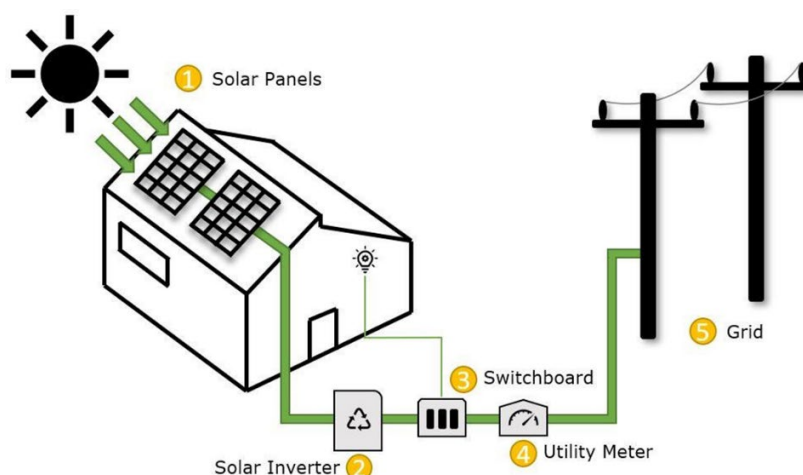
If you have reverse cycle air conditioning, try running it during the day or in the afternoon. This helps pre-warm, or pre-cool your house before nightfall, reducing the need for extensive heating or cooling during the night.

### Adjust Your A/C Settings:

If you must run the air conditioner at night, consider lowering the temperature by just one degree on heating mode (e.g., from 21°C to 20°C) or on cooling mode upwards (from say 22 up to 23 degrees). This simple adjustment of one degree down or up, can lead to significant power savings, reducing A/C energy consumption by as much as 15%.



**Understanding Feed-In Tariffs:** While you might earn some money from excess solar energy fed back into the grid, it's typically much less than what you pay for grid electricity. So, focus on cutting back on nighttime energy usage to maximize savings.



## Other Options: CatchPower

Did you know that a large portion of your home's electricity usage goes towards heating water? CatchPower offers a cost-effective solution to save on hot water heating using your existing solar system.

### How Does it Work?

Instead of selling excess electricity back to the grid at low rates and then buying expensive off-peak electricity to heat water, CatchPower intelligently redirects surplus solar energy to heat your water throughout the day. This keeps your water hot without relying heavily on grid electricity, saving you money.



### Key Benefits:

- **Cost Savings:** By using excess solar energy to heat water, you can save hundreds or even thousands of dollars each year on electricity bills.
- **Australian Made:** CatchPower comes with a 5-year warranty and is proudly made in Australia.
- **Easy Integration:** It seamlessly adapts to most existing solar systems, offering hassle-free installation and operation.

### Regular maintenance:

Regular maintenance will help you to keep your system working efficiently and identify any issues before they become problems.

A solar service should be conducted by an accredited solar installer or qualified electrician every year or two including cleaning the solar panels, testing electrical components, inspecting cables & isolator switches, plus checking the fault history of the inverter(s) and/or battery.

At Mackies, we're dedicated to providing high-performance, efficient solar solutions that deliver year-round benefits. Contact us on 02 6552 2377 to learn more about Solar systems, servicing, and other energy-saving solutions!

(Note: This flyer is meant to be a general guide only. For specific advice regarding your solar panel system and electricity usage, we recommend consulting with one of our qualified professionals.)