



Extra ways to reduce energy at home

Want to further reduce your energy usage and carbon emissions? Try these easy energy saving tips:

- switch off appliances at the power point when not in use
- buy energy efficient appliances
- switch off the second fridge, even if it's just for the winter
- use energy efficient light globes
- close the doors and control the temperature in the rooms you're using
- seal off draughts and gaps
- shorten your shower
- wash your clothes in cold water
- hang your clothes on the line.



Solar Power

at Campbelltown City Council



Did you know?

The average Australian household uses 20 to 30kWh per day



For more information, visit:
campbelltown.nsw.gov.au

Look for the 'Saving with Sustainability Household Calculator' and 'Living Macarthur Sustainable Living Guide' on our website for further information on energy usage and solar panel installation.



Energy Efficiency and Solar Panels

Currently, 67 per cent of the world's energy is generated from non-renewable, fossil fuels. Not only is this resource in decline, but the burning of fossil fuels releases large amounts of carbon dioxide (CO₂) into the atmosphere. Increased CO₂ levels contribute to the enhanced greenhouse effect, impacting on global climate change.

The power of the sun

The sun provides earth with a renewable energy source that has been utilised for thousands of years. Just one hour of sunlight provides enough energy for the world's annual energy usage. Advances in technology are making it easier to harness this clean energy for electricity generation.

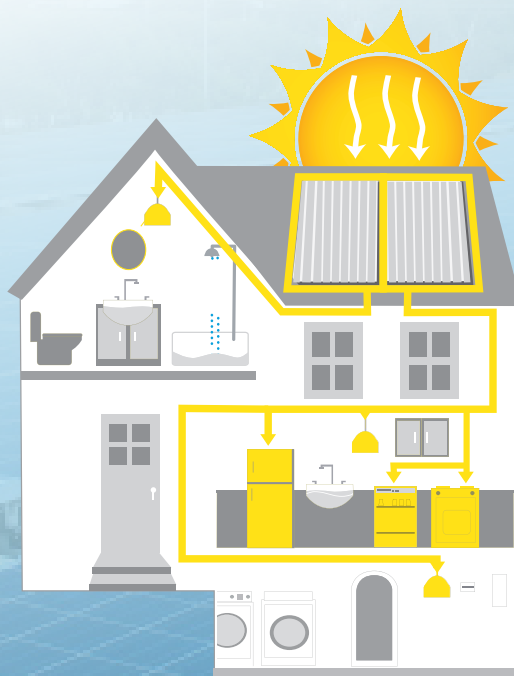
Did you know?

The average home produces around eight tonnes of carbon every year from energy use

Solar power at Council

The Campbelltown Civic Centre and Campbelltown Arts Centre have been fitted with large, 100kW photovoltaic systems that help reduce energy costs and carbon emissions. Along with the solar panels, we've also undertaken other energy saving measures in recent years, including:

- ☀ solar pool heating systems on indoor and outdoor pools at Gordon Fetterplace Aquatic Centre and Eagle Vale Central
- ☀ photovoltaic panels at Council's Depot
- ☀ a new building management system and air conditioning replacement at HJ Daley Library
- ☀ solar hot water systems at four of Council's child care centres
- ☀ the development of an Energy Management Plan for Council's top ten energy consuming facilities.



Generating electricity at home - installing solar panels

The installation of solar panels on your roof at home can generate a significant amount of your electricity needs and reduce your household's greenhouse gas emissions. A 1.5kW system will save approximately 2.7 tonnes of CO₂ emissions per year (compared to coal powered electricity). Along with the great environmental benefits, installing solar panels can also reduce your electricity bills and improve the future value of your home.

The type and size of your solar system will depend on the available unshaded space on your roof, cost, and your electricity needs. Determining your current electricity usage will be helpful in this process. Once you determine your needs, the next step is finding an accredited installer. The Clean Energy Council can provide you with a list of accredited installers.

Did you know?

The 396 solar panels at the Campbelltown Civic Centre generate enough electricity to power 22 average Australian households each year

