ELECTRIFY YOUR HOME

What does it mean to electrify?

Natural gas and coal are fossil fuels that emit harmful greenhouse gases and are not renewable energy sources.

To electrify your home means transitioning from fossil fuels to renewable resources for electricity in your home.

High-energy usage appliances used for cooking, cooling, heating and hot water (including air conditioning, space & water systems, cooktops & ovens) can be connected to a solar-powered system.

Swap this	For this
Fossil fuel electricity	Rooftop solar
Gas cooking	Induction cooking
Gas heater	Heat pump (reverse cycle AC)
Gas / old inefficient hot water system	Heat pump hot water system
Petrol / diesel car	Electric car
Old lights	LED lights

Each year, electrified homes can save roughly:

Annual savings

$3,500 +

C02 Emissions

CO$_2$ reduction

9,550 kg

Source: Rewiring Australia

Why electrify?

There are significant benefits for homeowners and the environment:

- Lower energy bills, removing gas supply charges
- Reducing greenhouse gas emissions
- Greater energy efficiency of appliances
- Improving air quality
- Improving resale value of your home
- Increasing your self-sufficiency

Australia has the cheapest energy resource in the world – **the sun.**

For renters

Work with your landlord to transition existing appliances/ systems to electric when the current ones are in need of replacing.

Refer to *Resources* for tips to reduce your energy use at home.

Resources

- **Electrify Bundeena & Electrify 2515:** Local community projects on electrification. electrifybundeena.org.au electrify2515.org
- **Energy NSW:** Energy efficiency guide for renters. energy.nsw.gov.au/households
- **GreenPower:** Government program providing renewable energy to homes and business that can be purchased from most energy retailers in Australia. greenpower.gov.au
- **Rewiring Australia:** Guide on electrifying homes. rewiringaustralia.org
- **Sutherland Shire Council:** Resources on sustainability. sutherlandshire.nsw.gov.au/your-environment
- **Your Home:** Government guide to building environmentally sustainable homes. yourhome.gov.au

ShireCAN

Educate, Mitigate, Adapt

Sutherland Shire Environment Centre

Shire Climate Action Network, a community group since 2007 that aims to raise awareness about climate change and advocate for climate strategies and initiatives.

View flyer here