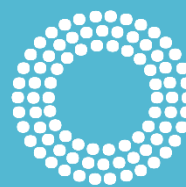


Your Go Electric Plan



**ZERO
EMISSIONS**
Shellharbour



**Step
1**

Record the age of your gas appliances and any petrol/diesel cars (check receipts or the appliance nameplate).

**Step
2**

Choose your future electric appliances and/or vehicle.

**Step
3**

Prioritise the order of replacing any required appliances and/or vehicle.

Tips

- **Prioritise replacing appliances that are more than 10 years old.** This can fast track your transition to an all-electric home
- **Replace gas heating, cooktop and oven** to improve indoor air quality
- **Install solar PV** to further reduce your running costs
- **Improve the insulation and seal gaps in your home** to reduce heating and cooling bills.
- Use the **NSW Climate & Energy Calculator** to calculate your savings

Find out more on our website

Join the clean energy future and make your home all-electric. Use this plan to prepare so that when appliances need replacing, you're ready to make the switch.

Your household could save up to 75%* per year on your bills.

Key

Good, Better, Best - Ranking of solution based on quality, efficiency and best for the environment.

\$-\$\$\$+: Upfront cost price range.

Current appliance	Age of current appliances (years)	Go Electric with an	When could I replace?
Gas heating		☐ Split system reverse cycle air conditioning (Good, Better, Best) \$-\$\$ ☐ Ducted Reverse Cycle air conditioning (Good, Better , Best) \$\$\$ ☐ Heat pump hydronic heating (Good, Better, Best) \$\$\$+ ☐ Electric heater (Good , Better, Best) \$	
Gas hot water		☐ Electric heat pump (Good, Better, Best) \$-\$\$\$ ☐ Electric storage (with solar and timer) (Good, Better , Best) \$	
Gas cooktop		☐ Induction stove (Good, Better, Best) \$-\$\$\$ ☐ Electric stove (Good, Better , Best) \$-\$\$	
Gas oven		☐ Electric oven \$-\$\$\$	
Petrol or diesel car		☐ Electric bike \$-\$\$ ☐ Electric vehicle \$\$-\$\$\$+	

Key appliances for an all-electric home

Appliance	Description	Benefits	Tips and resources	Financial support
Solar panels and GreenPower 	✓ Solar panels convert sunlight into free electricity for use in your home ✓ Any excess electricity goes back to the electricity grid or used to charge a battery	✓ Power your home with renewable energy ✓ Solar can make your electric appliances free to run ✓ Solar usually pays for itself in 3-5 years ✓ Anyone can support more renewable energy in Australia by choosing GreenPower	✓ Run your electric appliances during the day to maximise savings ✓ Check your electricity plan to make sure you're getting the best deal	Australian Government's Small-scale Renewable Energy Scheme NSW Home Energy Saver Program Round 3 of Council's Sustainability Rebate Program – Rooftop Solar
Electric heating 	✓ Can be single unit, many units or whole of house (ducted) ✓ Single units are the cheapest to run	✓ Can heat your home in winter and cool it in summer ✓ In winter, reverse cycle air-conditioning is 3-4 times more efficient than a standard electric heater or a gas space heater	✓ Clean filters regularly ✓ In winter – set the thermostat to 18-20°C ✓ In summer - set the thermostat to 23-25°C ✓ Choose a natural refrigerant such as R32	NSW Government air conditioner upgrade incentive NSW Home Energy Saver Program Round 3 of Council's Sustainability Rebate Program – Reverse Cycle Air Conditioner
Electric heat pump hot water 	✓ Heat is absorbed from the air outside and transferred to the water in the tank	✓ 3-5 times more efficient than an electric/gas hot water heater	✓ Choose a heat pump with a natural refrigerant ✓ Look for systems with control options (such as a timer so you can use your solar energy) ✓ If your current water heater dies, ask for a temporary system while waiting for an electric heat pump.	Australian Government's Small-scale Renewable Energy Scheme NSW Government hot water upgrade incentive NSW Home Energy Saver Program Round 3 of Council's Sustainability Rebate Program – Heat Pump Water Heater
Induction cooktop 	✓ If a magnet sticks to your cookware then it is compatible ✓ Stainless steel and cast iron work well	✓ Improved air quality ✓ Safe ✓ Fast and efficient ✓ Greater temperature range ✓ Easy to clean ✓ Cooler kitchen	✓ Check with an electrician to see if you need switchboard upgrades ✓ Choose electric cooktop alternatives if you have a pacemaker ✓ Portable induction cooktops are cheap, can plug into any wall, and are a great place to start ✓ Find out more	NSW Home Energy Saver Program Round 3 of Council's Sustainability Rebate Program – Induction Cooktop
Electric Car or Bicycle 	✓ Electric cars run on electricity rather than petrol or diesel ✓ Plug-in hybrid electric vehicles run on both electricity and petrol	✓ Electric cars are cheap to run and need very little maintenance ✓ Can be charged on clean renewable energy ✓ Non-polluting and quiet to drive and ride ✓ Electric and cargo bikes are a great alternative to using a car	✓ Consider an electric bike before investing in a car ✓ Use Rewiring Australia Cost Calculator ✓ Consider location and charging speeds for home charging ✓ Find public charging stations at Transport for NSW	Financial support for EV charger installations is available under the NSW Home Energy Saver Program Round 3 of Council's Sustainability Rebate Program – Electric Vehicle Charger

Other Resources

[Rewiring Australia - Electrify your home](#)

[Your Home](#), Australia's guide to environmentally sustainable homes

[Getting Off Gas Toolkit](#)

