

Make a Go Electric Plan



The best way to run your home - for your wallet, health and the climate - is to have all electric appliances and cars, powered by renewable energy. Be part of a clean energy future by changing your home to all-electric.

Step 1: Record the age of your gas appliances and petrol/diesel vehicle (check receipts or the appliance nameplate).

Step 2: Choose your future electric appliances and vehicle.

Step 3: Prioritise the order of replacing your appliances and vehicle.

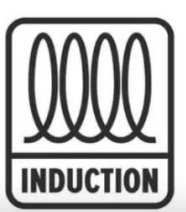


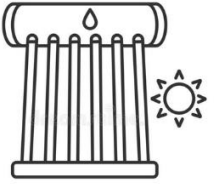
Current appliance	Age of current appliance (years)	Go Electric with an	When could I replace?
Gas cooktop		<input type="checkbox"/> Induction stove* <input type="checkbox"/> Electric stove	
Gas oven		<input type="checkbox"/> Electric oven	
Gas space heating		<input type="checkbox"/> Air conditioning* <input type="checkbox"/> Heat pump hydronic heating* <input type="checkbox"/> Electric heater	
Gas hot water		<input type="checkbox"/> Electric heat pump* <input type="checkbox"/> Solar electric boost* <input type="checkbox"/> Electric storage	
Petrol or diesel car		<input type="checkbox"/> Electric bike <input type="checkbox"/> Electric vehicle	
Gas swimming pool heating		<input type="checkbox"/> Solar only* <input type="checkbox"/> Electric heat pump	

***Most efficient**

Any questions? We are here to help. Contact: sustainability@woollahra.nsw.gov.au

See page over for more details of appliances, benefits and tips.

Key appliances to consider for an all-electric home

Appliance	Description	Benefits	Tips	Available rebates
Induction cooktop 	<ul style="list-style-type: none"> Generates heat directly in the pot or pan using magnets. Requires ferrous cookware e.g. stainless steel or cast iron. If a magnet sticks to your cookware then it is compatible. 	<ul style="list-style-type: none"> ✓ Fast and efficient. ✓ Improved air quality. ✓ Cooler kitchen. ✓ Easy to clean. 	<ul style="list-style-type: none"> ✓ Needs a separate electrical circuit for installation. ✓ For more information visit Renew. ✓ Learn cooking tips from an independent chef here. 	No rebates currently available
Reverse cycle air-conditioner 	<ul style="list-style-type: none"> In summer - the indoor space is cooled by moving heat from the indoor air to the compressor outside. In winter – the indoor space is heated by the compressor extracting heat from the outdoor air and pumping it to the indoor unit. 	<ul style="list-style-type: none"> ✓ In winter, reverse cycle air-conditioning is 3-4 times more efficient than a standard electric heater or a gas space heater. 	<ul style="list-style-type: none"> ✓ In winter - set thermostat to operate between 18-20°C. ✓ In summer set thermostat to operate between 23- 25°C. ✓ Close doors and heat/cool one space at a time. ✓ Clean filters every six months. 	Businesses only: NSW Government Energy Saving Scheme
Electric heat pump hot water 	<ul style="list-style-type: none"> Heat is absorbed from the air outside and transferred to the water in the tank. 	<ul style="list-style-type: none"> ✓ 3-5 times more efficient than an electric/gas hot water heater. 	<ul style="list-style-type: none"> ✓ Consider installing a well-known brand. ✓ Choose a heat pump with a 'natural refrigerant' like carbon dioxide that will result in lower greenhouse emissions. 	1. Federal Government's Small-scale Technology Certificates (STCs) (rebate administered by supplier) 2. NSW Government Energy Saving Certificate rebate
Solar (electric boost) hot water 	<ul style="list-style-type: none"> Water is directly heated by solar collectors on the roof and then stored for later use in an insulated tank. 	<ul style="list-style-type: none"> ✓ In Sydney, up to 70% of your hot water can be powered by the sun. 	<ul style="list-style-type: none"> ✓ Mount the solar collectors on a NE to NW facing roof. ✓ Tilt the solar collectors to optimize solar gain in winter. 	Federal Government's STCs (rebate administered by supplier)