

Did you know....?

Your household could save up to \$3000 per year by replacing all household appliances to electric, purchasing an electric bike and car, and installing rooftop solar.

Waverley Council aims to reduce community greenhouse emissions to net zero by 2035.

We are supporting the community to transition to all-electric homes and vehicles, which can be powered by renewable energy.

Choosing an all-electric home or business helps the community towards a safe and clean energy future.

Go Electric

Make a plan to Go Electric

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

Step 2: Choose your future electric appliance and vehicle.

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

- **Replacing gas cooktop, oven and space heating first** to improve indoor air quality.
- **Replacing appliances more than 10 years of age**, to fast track the transition to an all-electric home.

Current appliance	Age of current appliance (years)	Go Electric with a	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: secondnature@waverley.nsw.gov.au

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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 by 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 outside 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)