

Smart Energy Switch:

Get Off Gas



What does it mean to “get off gas”?

“Getting off gas” refers to the process of transitioning your home away from natural gas appliances to fully electric alternatives. This typically involves replacing gas stoves with induction cooktops, switching to heat pumps for water heating, air conditioners for space heating/cooling, and using electric alternatives for other gas-powered appliances. The goal is to eliminate use of gas, a fossil fuel, and decrease your home’s carbon footprint.

What is induction cooking and why switch?

Induction cooking uses electromagnetic technology to heat pots and pans directly, offering faster, more precise, and energy efficient cooking compared to gas stoves. Switching to induction provides better temperature control, improved safety with cooler cooking surfaces, and easier cleaning. It also eliminates indoor air pollution associated with gas cooking, contributing to a healthier home environment.



Electric heat pump water heater

Why electrify your home?

Electrifying your home reduces your carbon footprint, improves indoor air quality, and often leads to long-term cost savings. Electric appliances are generally more energy efficient than their gas counterparts. As the electricity grid incorporates more renewable energy sources, your home’s environmental impact will continue to decrease over time. Additionally, electrification can increase your home’s value and future-proof it against potential gas price rises.

How are heat pump water heaters installed?

These water heaters are typically installed as either “integrated” or split systems. The installation process involves placing the unit outside or in a well-ventilated indoor area, connecting it to your home’s water supply and electrical system, and integrating it with existing plumbing. A professional installer will determine the best location and configuration for optimal performance, ensuring efficient hot water supply for your home.



When transitioning off gas, consider upgrading your home’s electrical system to accommodate

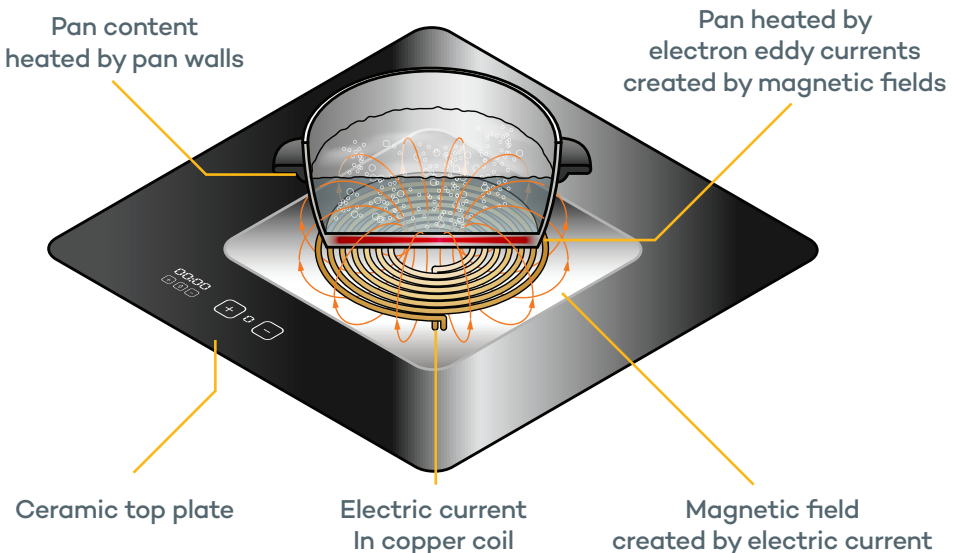
the increased electrical load. This may involve installing a new circuit breaker or upgrading your electrical panel. Consult with a licensed electrician to ensure your home’s electrical infrastructure can support your new electric appliances safely and efficiently.

Myth, busted!

Myth: *Electric cooking is less responsive than gas cooking.*

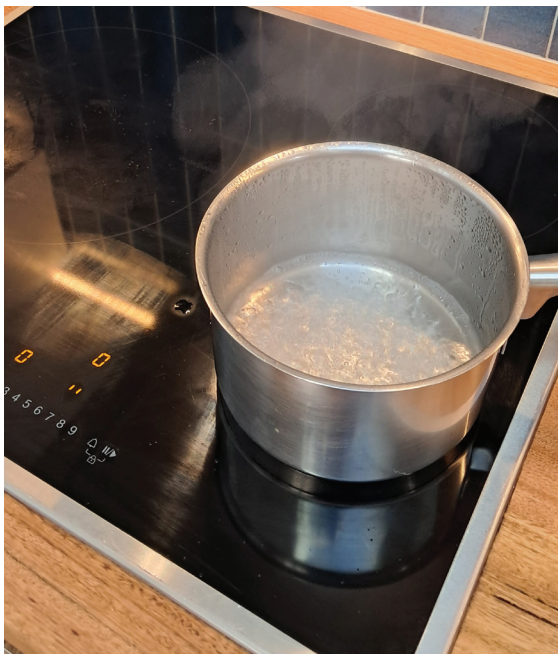
Truth: Induction cooktops offer instant heat control, similar to gas, but with greater precision. They can change temperatures faster than gas stoves and provide more consistent heat distribution, resulting in better cooking performance.

How an induction cooktop works



What would it cost to transition and are there incentives?

The cost of transitioning off gas varies depending on your home's specific needs and the appliances you're replacing. While upfront costs can be significant, long-term energy savings often offset this investment. This is something you can do over a few years! There are some incentives to support the transition to electric appliances. These may include discounts on energy efficient appliances, solar panel installations, and home energy assessments.



How do I start?

Begin by conducting an energy audit of your home to identify gas-powered appliances. Prioritise replacements based on the age and efficiency of your current appliances. Contact local energy advisors or the City of Canada Bay for guidance on available incentives and rebates. When you're ready to take action, reach out to Inner West Community Energy, a local not-for-profit community group that can connect you with one of their preferred installers.

innerwestcommunityenergy.org.au

Learn more

collaborate.canadabay.nsw.gov.au/energyprograms

