

Electrify Your Hot Water: Factsheet & Step-by-Step Guide

Switching from an LPG hot water system to a heat pump hot water heater is one of the most effective ways to cut household energy costs and reduce emissions. Heat pump systems use around 75% less energy than gas, don't use any fossil fuels, and can significantly lower running costs. This guide walks you through the key information and steps to make the switch.

LPG Hot Water Heater



Fossil fuel with high emissions

Costs **\$870 per year** to run

Hot Water Heat Pump



9.2 tonnes CO₂e emissions avoided

Costs **\$195 per year** to run

Key Benefits

Convenient: No more LPG deliveries!
Safe: No risk of leaks or fires.
Cheaper to run: LPG prices are high and variable. Electricity prices are more stable.
Far lower emissions: Especially on a renewable tariff or solar.
Pair with solar: Acts as a thermal battery, maximising savings.

Step 1: Research

- See how much you could save using Rewiring Aotearoa's calculator.
- Decide which type of system suits your household (size, brand, outdoor space).
- Research hot water heat pump installers online. Shortlist three to contact for quotes.
- Check out potential financing options, such as Green Loans.

Step 2: Get Quotes

Ask three installers for quotes to include:

- Advice on how the unit will be configured. Most homes need an outdoor compressor.
- LPG disconnection and capping
- New cylinder installation.
- Power supply for the heat pump unit (often a dedicated 10–16A circuit).
- Any switchboard or wiring upgrades (most homes won't need this).

Useful Resources

[Rewiring Aotearoa's Electrification Calculator](#)

It takes 1 minute to estimate your savings.

[Rewiring Aotearoa's Water Heating Guide](#) & [EECA's Guide to Hot Water Heat Pumps](#)

Detailed info on heat pump hot water heaters.

[MoneyHub Green Loan Rundown](#)

An easy-to-read guide for finance options.

Step 3: Install

- Your plumber removes and isolates the LPG system, installs the new cylinder and connects the heat pump.
- Your electrician completes the electrical connection for the outdoor unit.
- The entire job can usually be done within a day, and you'll have efficient, low emission hot water immediately.

Ready to explore electrification for your home?

Whether you're just starting to explore your options or ready to take action, the Queenstown Electrification Accelerator offers free, trusted, and independent advice to help you move forward with confidence.

Get in touch at gea.nz/contact