

Future Homes: Electrical Safety in the Net Zero Home Growing the Installer Base



A labour market report by the Electro-technical Skills Partnership (TESP) estimated that an additional **12,500 - 15,000** additional skilled electricians will be required over the five years from **2019 - 2024** to meet the anticipated growth in demand.

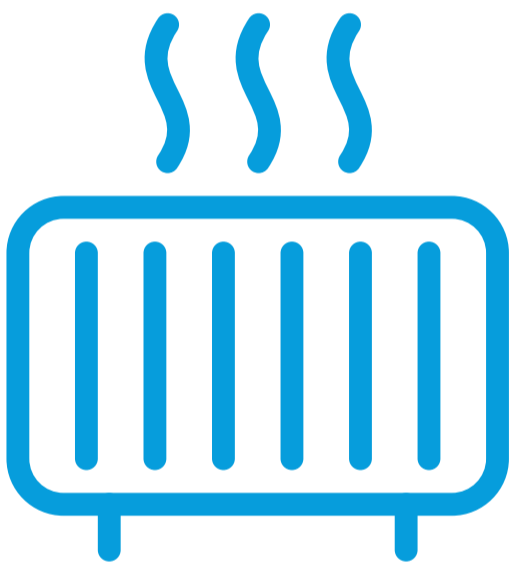


Research suggests that even if an additional **5,000** new apprentices qualify by 2023 (a 33% increase from today), there will be a significant shortfall in registered electricians.



Whilst a growth in registered electricians will be key, specialised and certified installers will also be required to support the transition to the future home.

A BEIS study found that **29%** of heat engineers who had installed a heat pump in the past 12 months had not received dedicated heat pump training.



There are over **100,000** installers trained on the Gas Safe Register to install gas boilers and conduct checks and maintenance, but less than a thousand trained heat pump engineers. According to the Heat Pump Association, up to **69,500** heat pump engineers could be required by 2035.

The top three barriers for heating engineers upskilling are:

35%

proximity to retirement

25%

lack of consumer demand

15%

lack of time



The installer is often seen as the most important source of guidance for consumers with **79%** of people who changed their heating system indicating that their heating engineer was a helpful source of advice.

To read Electrical Safety First's full report, **Future Homes – Electrical Safety in the Net Zero Home**, which includes recommendations for growing the installer base.

visit: www.electricalsafetyfirst.org.uk/futurehomes

All sources mentioned in this infographic can be found in the Future Homes report.