



COVERSHEET

Minister	Hon Simon Watts	Portfolio	Energy
Title of Cabinet paper	Amendments to the <i>Electricity (Safety) Regulations 2010</i> to expand the permitted voltage range on low voltage electricity networks	Date to be published	16 June 2025

List of documents that have been proactively released

Date	Title	Author
March 2025	Amendments to the <i>Electricity (Safety) Regulations 2010</i> to expand the permitted voltage range on low voltage electricity networks	Office of the Minister for Energy
25 March 2025	<i>Electricity (Safety) Regulations 2010</i> : Expanding the permitted voltage range on low voltage electricity networks EXP-25-MIN-0021 Minute	Cabinet Office

Information redacted

NO

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Cabinet Expenditure and Regulatory Review Committee

Minute of Decision

This document contains information for the New Zealand Cabinet. It must be treated in confidence and handled in accordance with any security classification, or other endorsement. The information can only be released, including under the Official Information Act 1982, by persons with the appropriate authority.

Electricity (Safety) Regulations 2010: Expanding the Permitted Voltage Range on Low Voltage Networks

Portfolio Energy

On 25 March 2025, the Cabinet Expenditure and Regulatory Review Committee:

- 1 **noted** that expanding the permitted voltage range on low voltage electricity networks:
 - 1.1 will enable electricity networks to increase hosting capacity for rooftop solar generation and EV charging without the need for costly network infrastructure upgrades, reducing costs that are passed on to consumers;
 - 1.2 will in turn support consumers with rooftop solar systems to export higher volumes of electricity to the grid, enabling them to receive better value for these systems, and bolster the resilience of the electricity network;
 - 1.3 would align New Zealand regulations with international standards and the approach taken in other countries;
- 2 **noted** that the proposed change is considered to be low risk given household appliances are already required to accommodate this range under international and domestic standards, and is supported by stakeholders;
- 3 **agreed** to amend the relevant regulations in the Electricity (Safety) Regulations 2010 to change the permitted voltage range from the current range of +/-6% to a new range of +/-10%;
- 4 **authorised** the Minister for Energy to issue drafting instructions to the Parliamentary Counsel Office to give effect to the decisions in the paper under EXP-25-SUB-0021;
- 5 **authorised** the Minister for Energy to make further decisions on minor and technical matters that are in line with the above paragraphs where necessary.

Sam Moffett
Committee Secretary

Present: (see over)

Present:

Rt Hon Christopher Luxon
Rt Hon Winston Peters
Hon David Seymour (Chair)
Hon Nicola Willis
Hon Chris Bishop
Hon Brooke van Velden
Hon Simeon Brown
Hon Paul Goldsmith
Hon Louise Upston
Hon Judith Collins KC
Hon Mark Mitchell
Hon Simon Watts
Hon Andrew Hoggard
Hon Mark Patterson

Officials present from:

Office of the Prime Minister
Office of the Chair
Office of the Minister of Defence
Officials Committee for EXP