



COVERSHEET

Minister	Hon Dr. Megan Woods	Portfolio	Energy and Resources
Title of Cabinet paper	LED Lamps and Air Conditioners / Heat Pumps Minimum Energy Performance Standards and Labelling Requirements	Date to be published	9 July 2019

List of documents that have been proactively released

Date	Title	Author
15 May 2019	LED Lamps and Air Conditioners / Heat Pumps Minimum Energy Performance Standards and Labelling Requirements	Office of the Minister for Energy and Resources
15 May 2019	Impact Summary Air Conditioners	Ministry of Business, Innovation and Employment
15 May 2019	Impact Summary Lighting LED MEPS	Ministry of Business, Innovation and Employment
22 May 2019	DEV-19-MIN-0131 Minute	Cabinet Office

Information redacted

YES / NO (please select)

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Cabinet Economic Development Committee

Minute of Decision

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LED Lamps and Air Conditioners/Heat Pumps: Minimum Energy Performance Standards and Labelling Requirements

Portfolio Energy and Resources

On 22 May 2019, the Cabinet Economic Development Committee:

Background

- 1 **noted** that the trans-Tasman Equipment Energy Efficiency (E3) Programme aims to align Australian and New Zealand energy efficiency policies with international standards and methodologies;
- 2 **noted** that adopting the proposals in the paper under DEV-19-SUB-0131 will better align New Zealand's product regulation with that of Australia, meeting New Zealand's commitments under Closer Economic Relations and the Trans-Tasman Mutual Recognition Arrangement;
- 3 **noted** that minimum energy performance standards (MEPS) and energy rating labels provide net energy and environmental benefits valued at \$34.3 million from avoided electricity consumption and greenhouse gas emissions;
- 4 **noted** that the European Union's MEPS for Light Emitting Diode (LED) lamps have been published but are not yet final;
- 5 **noted** that:
 - 5.1 if there are changes to the proposals in the paper under DEV-19-SUB-0131 once the European Union has finalised minimum energy performance standards for LED lamps, an amended proposal will be re-submitted to Cabinet;
 - 5.2 - in order to meet agreed implementation timeframes, maintain alignment with Australia and signal to industry the direction moving forward, Cabinet approval is sought now rather than waiting for EU decision expected in May 2019;

Proposed changes

- 6 **agreed** to amend the Energy Efficiency (Energy Using Products) Regulations 2002 to give effect to the following:

LED lamps

- 6.1 - introduce MEPS harmonised with the levels the European Union will apply for LED lamps in the European Commission Ecodesign regulations proposed to come into effect no earlier than September 2021;
- 6.2 - adopt the test parameters and the performance requirements, aligned with those that will be adopted in the European Union's minimum energy performance standards as applied to LED lamps;
- 6.3 - require basic markings on the product and packaging of LED lamps (including lumens, colour temperature, colour rendering and lifetime) to make LED products comparable and help consumers choose efficient lighting at the low cost;¹
- 6.4 - apply an introduction date no earlier than 1 September 2021, to allow industry time to prepare for the changes;

Air-Conditioners/Heat Pumps

- 6.5 - adopt AS/NZS 3823.4 for rating air conditioner energy efficiency to replace the current rating method specific to Australia and New Zealand;
- 6.6 - labelling requirements:
- 6.6.1 - remove the existing Energy Rating Label and replace it with a climate zoned version of the label;
- 6.6.2 - apply the climate zoned energy rating label based to single and double duct portable air conditioners (these are not currently subject to labelling);
- 6.6.3 - products not required to display an Energy Rating label must provide test data to calculate the total cooling seasonal performance factor and demand response capability. Where applicable, data must be provided for heating seasonal performance factor and sound power²;
- 6.6.4 - all registrations must continue to declare whether a product is demand response capable as per AS4755;
- 6.7 - MEPS levels:
- 6.7.1 - reduce the MEPS level for double duct portable air conditioners;
- 6.7.2 - introduce MEPS for single duct portable air conditioners at the same level proposed for double duct portable air conditioners;
- 6.7.3 - introduce MEPS for air conditioners above 65kW (used in commercial and industrial premises);
- 6.7.4 - increase New Zealand's residential MEPS for cooling to Australia's levels;

¹ A lumen is a measure of luminous flux, or the amount of light emitted by a light source.

² Sound power or acoustic power is the rate at which sound energy is emitted, reflected, transmitted or received, per unit time. -

- 6.8 - apply an introduction date of no earlier than 1 April 2020, with the exception of air conditioners above 65kW which will be no earlier than 1 April 2021, to allow industry time to prepare for the changes;
- 6.9 - resolve minor technical issues with air-conditioner/heat pumps regulations;
- 7 **authorised** the Energy Efficiency and Conservation Authority to open early voluntary registration of air-conditioners/heat pumps from June 2019 for the labelling requirements listed in paragraph 6.6 above;
- 8 **authorised** the Minister of Energy and Resources to release non-contentious consultation papers on E3 Programme proposals on smart appliances;

Legislative implications

- 9 - **invited** the Minister of Energy and Resources to issue drafting instructions to the Parliamentary Counsel Office to give effect to the above paragraphs;
- 10 - **authorised** the Minister of Energy and Resources to make decisions on minor additional changes, consistent with the policy intent, on any issues that arise during the drafting process.

Janine Harvey
Committee Secretary

Present:

Hon Grant Robertson (Chair)
Hon Phil Twyford
Hon Dr Megan Woods
Hon Nanaia Mahuta
Hon Stuart Nash
Hon Iain Lees-Galloway
Hon Jenny Salesa
Hon Kris Faafoi
Hon James Shaw
Hon Julie Anne Genter

Officials present from:

Office of the Prime Minister
Officials Committee for DEV

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Minister of Energy and Resources