



# Energy Efficiency (Energy Using Products) Amendment Regulations 2011

Anand Satyanand, Governor-General

## Order in Council

At Wellington this 9th day of May 2011

Present:

His Excellency the Governor-General in Council

Pursuant to section 36(1) of the Energy Efficiency and Conservation Act 2000, His Excellency the Governor-General makes the following regulations acting—

- (a) on the advice and with the consent of the Executive Council; and
- (b) on the recommendation of the Minister of Energy and Resources, having satisfied the requirements of section 36(2) of that Act.

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**Schedule** 3

**New Schedules 1 and 2 substituted in principal regulations**

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**Regulations**

- 1 Title**  
These regulations are the Energy Efficiency (Energy Using Products) Amendment Regulations 2011.
  - 2 Commencement**  
These regulations come into force on the 28th day after the date of their notification in the *Gazette*.
  - 3 Principal regulations amended**  
These regulations amend the Energy Efficiency (Energy Using Products) Regulations 2002.
  - 4 Schedules 1 and 2 substituted**  
Schedules 1 and 2 of the principal regulations are revoked and new Schedules 1 and 2 contained in the Schedule of these regulations are substituted.
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**Schedule**

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**New Schedules 1 and 2 substituted in  
principal regulations****Schedule 1** rr 4(1), 5, 8, 9(1), 10, 17, 18**List of product classes subject to  
minimum energy performance standards  
and list of applicable standards**

<b>Product class</b>	<b>Minimum energy performance standards (MEPS)</b>	<b>Testing standards</b>
Ballasts for fluorescent lamps	AS/NZS 4783.2:2002: Performance of electrical lighting equipment—Ballasts for fluorescent lamps—Energy labelling and minimum energy performance standards requirements	AS/NZS 4783.1:2001: Performance of electrical lighting equipment—Ballasts for fluorescent lamps—Method of measurement to determine energy consumption and performance of ballasts lamp circuits
Chillers	AS/NZS 4776.2:2008: Liquid-chilling packages using the vapour compression cycle—Minimum energy performance standard (MEPS) and compliance requirements	AS/NZS 4776.1.1:2008: Liquid-chilling packages using the vapour compression cycle—Method of rating and testing for performance—Rating; and AS/NZS 4776.1.2:2008: Liquid-chilling packages using the vapour compression cycle—Method of rating and testing for performance—Testing
Close control air conditioners	AS/NZS 4965.2:2008: Performance of close control airconditioners—Minimum energy performance standard (MEPS) requirements	AS/NZS 4965.1:2008: Performance of close control airconditioners—Testing for rating
Distribution transformers	AS 2374.1.2–2003: Power transformers—Minimum Energy Performance Standard (MEPS) requirements for distribution transformers	AS 2374.1–1997: Power transformers—General

Schedule 1—*continued*

<b>Product class</b>	<b>Minimum energy performance standards (MEPS)</b>	<b>Testing standards</b>
Dry-type distribution transformers	AS 2374.1.2–2003: Power transformers—Minimum Energy Performance Standard (MEPS) requirements for distribution transformers	AS 2735–1984: Dry-type power transformers
External power supplies	AS/NZS 4665.2:2005: Performance of external power supplies—Minimum energy performance standard (MEPS) requirements	AS/NZS 4665.1:2005: Performance of external power supplies—Test method and energy performance mark
Gas water heaters	AS/NZS 4552.2:2010: Gas fired water heaters for hot water supply and/or central heating—Minimum energy performance standards for gas water heaters	AS 4552–2005: Gas fired water heaters for hot water supply and/or central heating
Household refrigerating appliances	AS/NZS 4474.2:2009: Performance of household electrical appliances—Refrigerating appliances—Energy labelling and minimum energy performance standard requirements	AS/NZS 4474.1:2007: Performance of household electrical appliances—Refrigerating appliances—Energy consumption and performance
Low-pressure copper thermal storage electric water heaters	AS/NZS 4692.2:2005: Electric water heaters—Minimum Energy Performance Standard (MEPS) requirements and energy labelling	AS/NZS 4692.1:2005: Electric water heaters—Energy consumption, performance and general requirements; or NZS 4602:1988: Low pressure copper thermal storage electric water heaters
Refrigerated display cabinets	AS 1731.14–2003: Refrigerated display cabinets—Minimum energy performance standard (MEPS) requirements	AS 1731 Parts 1 to 13–2003: Refrigerated display cabinets

Schedule 1—*continued*

<b>Product class</b>	<b>Minimum energy performance standards (MEPS)</b>	<b>Testing standards</b>
Set-top boxes	AS/NZS 62087.2.1:2008: Power consumption of audio, video and related equipment—Minimum energy performance standards (MEPS) requirements for digital television set-top boxes	AS/NZS 62087.1:2010: Power consumption of audio, video and related equipment—Methods of measurement
Single-phase ducted air conditioners and air-to-air heat pumps	AS/NZS 3823.2:2009: Performance of electrical appliances—Airconditioners and heat pumps—Energy labelling and minimum energy performance standard (MEPS) requirements	AS/NZS 3823.1.2:2001: Performance of electrical appliances—Airconditioners and heat pumps—Test methods—Ducted airconditioners and air-to-air heat pumps—Testing and rating for performance; or AS/NZS 3823.3:2002: Performance of electrical appliances—Airconditioners and heat pumps—Calculation of performance for minimum energy performance standard (MEPS) requirements
Single-phase non-ducted air conditioners and heat pumps	AS/NZS 3823.2:2009: Performance of electrical appliances—Airconditioners and heat pumps—Energy labelling and minimum energy performance standard (MEPS) requirements	AS/NZS 3823.1.1:1998: Performance of electrical appliances—Airconditioners and heat pumps—Non-ducted airconditioners and heat pumps—Testing and rating for performance; or AS/NZS 3823.3:2002: Performance of electrical appliances—Airconditioners and heat pumps—Calculation of performance for minimum energy performance standard (MEPS) requirements

Schedule 1—*continued*

<b>Product class</b>	<b>Minimum energy performance standards (MEPS)</b>	<b>Testing standards</b>
Storage water heaters (electrically heated)	AS/NZS 4692.2:2005: Electric water heaters—Minimum Energy Performance Standard (MEPS) requirements and energy labelling	AS/NZS 4692.1:2005: Electric water heaters—Energy consumption, performance and general requirements; or NZS 4606.1:1989: Storage water heaters—General requirements
Three-phase air conditioners and heat pumps	AS/NZS 3823.2:2009: Performance of electrical appliances—Airconditioners and heat pumps—Energy labelling and minimum energy performance standard (MEPS) requirements	AS/NZS 3823.1.2:2001: Performance of electrical appliances—Airconditioners and heat pumps—Test methods—Ducted airconditioners and air-to-air heat pumps—Testing and rating for performance; or AS/NZS 3823.3:2002: Performance of electrical appliances—Airconditioners and heat pumps—Calculation of performance for minimum energy performance standard (MEPS) requirements
Three-phase cage induction motors	AS/NZS 1359.5:2004: Rotating electrical machines—General requirements—Three-phase cage induction motors—High efficiency and minimum energy performance standards requirements	AS/NZS 1359.102.3:2000: Rotating electrical machines—General requirements—Methods for determining losses and efficiency—Three-phase cage induction motors
Tubular fluorescent lamps	AS/NZS 4782.2:2004: Double-capped fluorescent lamps—Performance specifications—Minimum Energy Performance Standard (MEPS)	AS/NZS 4782.1:2004: Double-capped fluorescent lamps—Performance specifications—General

**Schedule 2** rr 6(1), 7(1), 8, 9(1), 17, 18**List of product classes subject to  
mandatory energy performance labelling  
and list of applicable standards**

<b>Product class</b>	<b>Mandatory energy performance labelling</b>	<b>Testing standards</b>
Clothes washing machines	AS/NZS 2040.2:2005: Performance of household electrical appliances—Clothes washing machines—Energy efficiency labelling requirements	AS/NZS 2040.1:2005: Performance of household electrical appliances—Clothes washing machines—Methods for measuring performance, energy and water consumption
Dishwashers	AS/NZS 2007.2:2005: Performance of household electrical appliances—Dishwashers—Energy efficiency labelling requirements	AS/NZS 2007.1:2005: Performance of household electrical appliances—Dishwashers—Methods for measuring performance, energy and water consumption
Household refrigerating appliances	AS/NZS 4474.2:2009: Performance of household electrical appliances—Refrigerating appliances—Energy labelling and minimum energy performance standard requirements	AS/NZS 4474.1:2007: Performance of household electrical appliances—Refrigerating appliances—Energy consumption and performance
Rotary clothes dryers	AS/NZS 2442.2:2000: Performance of household electrical appliances—Rotary clothes dryers—Energy labelling requirements	AS/NZS 2442.1:1996: Performance of household electrical appliances—Rotary clothes dryers—Energy consumption and performance
Single-phase non-ducted air conditioners and air-to-air heat pumps	AS/NZS 3823.2:2009: Performance of electrical appliances—Airconditioners and heat pumps—Energy labelling and minimum energy performance standard (MEPS) requirements	AS/NZS 3823.1.1:1998: Performance of electrical appliances—Airconditioners and heat pumps—Non-ducted airconditioners and heat pumps—Testing and rating for performance

Rebecca Kitteridge,  
Clerk of the Executive Council.

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### Explanatory note

*This note is not part of the regulations, but is intended to indicate their general effect.*

These regulations amend the Energy Efficiency (Energy Using Products) Regulations 2002 (the **principal regulations**). The regulations come into force on the 28th day after the date of their notification in the *Gazette*.

*Regulation 4* revokes and substitutes Schedules 1 and 2 of the principal regulations.

*New Schedule 1* includes all the items in the previous Schedule 1 plus new items relating to the following:

- chillers:
- close control air conditioners:
- external power supplies:
- gas water heaters:
- set-top boxes.

Items that are brought forward from the previous Schedule 1 are unchanged, or apply new minimum energy performance standards, or incorporate amendments to the current performance standards or testing standards (by operation of section 23 of the Standards Act 1988).

*New Schedule 2* contains the same items as in the previous Schedule 2. The items are unchanged, or apply new mandatory energy performance labelling standards, or incorporate amendments to the current labelling standards or testing standards (by operation of section 23 of the Standards Act 1988).

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**Energy Efficiency (Energy Using Products)  
Amendment Regulations 2011**

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Issued under the authority of the Acts and Regulations Publication Act 1989.  
Date of notification in *Gazette*: 12 May 2011.  
These regulations are administered by the Ministry of Economic Development.

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