



Australian Government
Department of Climate Change
and Energy Efficiency

AC MEPS October 2011

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History

- new MEPS levels were introduced in April 2011
- included standby power consumption for the first time
- agreed through a Decision RIS and published in an Australian Standard in 2009
- COAG Communique July 2009 – "introducing in 2010 new standards for the energy performance of air conditioners and increasing the standard by a further 10% from 1 October 2011"



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MEPS Levels

Product Category	MEPS (2007) (operating efficiency)	MEPS April 2010 (operating efficiency)	MEPS April 2011 (annual efficiency)	MEPS Oct 2011 (annual efficiency)
Non-ducted unitary <10kW	2.75	2.84	2.84	3.1
Non-ducted unitary 10kW to <19kW	2.75	2.75	2.75	3.1
Non-ducted split <4kW	3.05	3.33	3.33	3.66
Non-ducted split 4kW to <10kW	2.75	2.93	2.93	3.22
Non-ducted split 10kW to <19kW	2.75	2.75	2.75	3.1
Ducted systems – single phase <19kW	2.50	2.75	2.75	3.1
Ducted systems – three phase <10kW	2.50	2.75	2.75	3.1
Ducted 10kW to <19kW (Three Phase)	2.75	2.75	2.75	3.1
All 19kW to 39kW	3.05	3.05	3.05	3.1
All >39kW to 65kW	2.75	2.75	2.75	2.9



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History

- Consultation RIS on the costs and benefits of increasing MEPS of air conditioners was prepared for stakeholder consultation on 25 July 2010
- Decision RIS was prepared which recommended (broadly) a 10% increase in the stringency of the MEPS, effective from October 2011
- MCE endorsed the Decision RIS on 10 December 2010
- both the Consultation and Decision RIS stated that post April 2011 national MEPS levels will be determined on annual efficiency including standby and crankcase operation

Present

- standard development process commenced almost immediately
- since the 10 December 2010 MCE decision industry reps have raised a number of conflicting concerns with regard to the commencement of the new standards.
- Meeting of EL15/16 Standards Committee in Sydney 28 February 2011
- 1 April 2011 meeting with air conditioner suppliers, broad industry agreement was obtained to a compromise position



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Present

- pending approval by OBPR the MCE has agreed to:
- deferring the October 2011 MEPS level requirement of 3.1 AEER for the 10-19kW ducted product range until 1 April 2012 – the current MEPS level 2.75 AEER would stay in place
- implementing new MEPS for multi-split systems one year after the publication of a suitable international standard
- permitting simulation for products <30kW where less than 10 units are sold per year and sales data is provided for all models in that category.



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Thank you

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