

# **Wet Products and Standby Meeting**

14 December 2004  
Standards Australia, Sydney

Presenters: Shane Holt (AGO)/ Lloyd Harrington (EES)

Attendees:

Colin Doyle, Standards Australia  
Lloyd Knipe, Black and White Engineering Solutions  
Neil Blackmore, Blanco  
Phillip Robinson, Miele Australia Pty Ltd  
Richard Brown  
Roman Berwald, Electrolux  
Terence Fonseca, SGS Australia Pty Ltd  
Theo Michael, Vipac  
Tim Aldrich, NSW Dept of Energy Utilities and Sustainability  
Yousef Gharbia, Black and White Engineering Solutions  
Tony Frost, Energy Efficiency and Conservation Authority (NZ)  
Terry Fogarty, Fischer and Paykel  
Richard Goldsmith, AGO

## **Introduction**

Shane advised of the AGO/SAI MOU which will ensure a dedicated resource within Standards Australia for energy efficiency business.

## **Powerpoint Presentation**

The purpose of the [powerpoint presentation](#) was to summarise the proposals in the discussion paper and review the public submissions received. A range of government proposals were also presented.

The policy context is to get manufacturers to take note of power consumption in various low power modes on their models and to take clear steps to reduce these to negligible levels.

## **Issues raised in submissions and in the workshop**

- Delay Start: Terry Fogarty noted that some Government Departments are asking for delayed starts, while the AGO appears to be seeking to penalize delayed start (by reducing star rating on products where this uses some power).
- Government proposals 1: TESAW/Energy Allstars – separate standby criteria will not be developed (but products must be re-registered with standby data to be eligible for

TESAW); End of program mode seen as critical – any measures developed must target reductions in this mode.

- Government Proposals 2: Incorporation of standby into the energy label will not need accurate data on user behaviour – the purpose is to encourage manufacturers to reduce standby. Changes for dishwashers and clothes washers will be coordinated with water labelling changes during 2005; Dryer transition to be considered separately
- Govt Proposal 3: manufacturers will be encouraged to re-register with standby data (retest not required) before 2006, but requirements will not be retrospective. No change to the energy labelling algorithms.

### **Issues still to be resolved with regard to standby in the CEC**

- Delayed start mode – is this to be included?
- Network ready (*i.e load control – we need to come to a common descriptor on this one, as it became clear that the manufacturers and AGO were not talking about the same technology*)
- Include a mark on the label to indicate standby? (dryers only)

### **General Discussion**

The strategy to achieve standby target was reviewed

1. rely on incorporation of standby into the CEC
2. voluntary targets set in the standby profiles
3. longer term regulation (sanction for MEPS if inadequate progress has been made - final decision in 2010)

Richard Brown: Water registration – what happens – it is confusing/re-registration?  
Shane indicated that inclusion of standby would probably be linked to the date of Water registration change date (assuming that it is a reasonable date) for clothes washers and dishwashers

Richard Brown noted that the current use assumption in the CEC is at the high-end (probably higher than average and overstates the energy usage), and as such the assumed standby pattern could impact adversely accuracy of the label. Lloyd Harrington noted that if standby power is low in the relevant modes than it will not affect the CEC to any degree.. Again it was emphasised that the point is to reduce standby in appliances, not to give consumers an accurate estimate of energy in this particular mode.

SH invited AEEMA to provide an alternative calculation method to the one on the discussion paper.

Regulators will keep a watching brief to make sure that standby and water labelling requirements are coordinated for dishwashers and clothes washers.  
(Dryers can have a separate timetable – unclear how washer/dryers are to be handled? – currently separate registrations for each function)

The question was raised whether a bonus could be offered for a feature that is desirable (eg delay start) – this could be on the basis of a small allowance for the feature – if manufacturers use more power than the allowance then there is a penalty, if they use less they gain a small bonus. Delay start encourages load shifting which has other benefits.

The following summary of an alternative proposal was put onto the white board at the workshop and discussed.

<b>Per day</b>	Dishwasher	Clothes Washer	Dryer
On	1-2 hours	1-2 hours	1 hour
Delay start	2 hours	2 hours	. 3 hours
End of cycle	8 hours	8 hours	8 hours
Low power mode	12.3 hours	12.3 hours	13 hours
Bonus	?	?	?

For example: Delay start could have a bonus or allowance of 1 watt = a delay start of more than 1 Watt would increase CEC and less than 1 Watt would decrease CEC  
Similarly, an allowance of 0.5 watt may be suitable for load control systems

(Above is food for thought only)

Richard Brown noted that this Australian policy will not impact on international manufacturers, this was acknowledged by AGO.

### **Dryers**

Agreed not to have a mark on the label for consumers to indicate standby is included.  
Voluntary re-registration up to a certain date (to be determined) then mandatory.

### **Meeting Outcomes**

- Energy Allstars presentation/more info – copy of presentation to Brian Douglas (AEEMA) for distribution to members (Ellis presentation from standby forum)
- An RIS on the inclusion of standby into the label will be prepared in February 2005
- In the mean time drafts which include standby changes to Part 1 and Part 2 standards for clothes washers, clothes dryers and dishwasher will be prepared and circulated to EL15/4 as committee drafts
- AEEMA/CESA to prepare a submission to AGO with a consensus alternative proposal for inclusion of standby into the label CEC
- Meeting of EL 15/4 on 17 & 18 February 2005 will consider the 6 committee drafts related to wet products

Prior to circulating the RIS, AEEMA and EL15/4 will meet. Following these meetings, AEEMA undertakes to provide a submission to AGO within 5 working days on issues raised that will assist in the RIS having a smoother path.