

Inclusions of standby power into the energy label CEC – wet products

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About this presentation

The aim of this presentation is to:

- Review the proposals in the discussion paper on how standby is to be incorporated into the energy label CEC for wet products
- Summarise the main issues raised in public submissions on the discussion paper
- Explore these in more detail in this workshop
- Resolve outstanding details for inclusion into the draft Part 1 and 2 standards that are being released for public comment in the near future



Overview of the Discussion Paper

- Standby in CEC was flagged in Oct 2003 - profile
- The discussion paper was released in early Oct 2004 and circulated for comment
- Defines relevant modes for wet products – off, end of program and delay start
- Proposes default values for the time spent in each mode for inclusion into the CEC
- Target date: standby would be mandatory for registrations from Jan 2006
- Standby limits in TESAW from 2006



Overview of the Discussion Paper

The critical aspects of the proposal are:

- Defines program time (consumer relevant) (start until “end”) and cycle time (start until “steady state”)
- Calculates hours in “on mode” (cycles per year x cycle time)
- Allocates remaining time (typically 8000+ hours) to modes that appear on the particular model



Submissions on the paper 1

The following issues were raised in public submissions on the paper:

- Electrolux and Whirlpool supported the concept of a workshop to explore issues
- Electrolux also suggested refining mode definitions and the time allocated to each mode and to have a rationale for this
- David Cogan suggested a simplistic approach of 8000 hours on the highest power standby mode



Submissions on the paper F&P

- Noted that work on Part 1 was unacceptably slow to date
- Opposition to separate standby specifications as part of TESAW or All Stars
- Felt that inclusion of delay start into CEC would discourage this feature (which may have load shifting benefits) - options
- Suggested some options for smoother transition to labels that include standby
- Flagged that there could be MEPS issues



Purpose of the Policy

It is critical to understand the policy context:

- **To get manufacturers to take note of power consumption in various low power modes on their models**
- **To take clear steps to reduce these to levels that are “negligible”**
- **The assumed values are intended to achieve these objectives – they need not be based on actual (or average) in use values**



Why inclusion in the CEC?

- While measurement and declaration of standby will be mandatory as part of the CEC, the impact on individual manufacturers will be moderate
- The proposal provides a moderate to strong disincentive for high standby models
- Allows progress against the standby targets to be accurately monitored



Government Proposals 1

Based on the submissions on the discussion paper, the following points are proposed

- Separate criteria for standby not be developed for TESAW and All Stars wet products (star rating only) – products must be re-registered with standby to be eligible
- “End of program mode” seen as a critical – any measures must target reductions in this particular mode



Government Proposals 2

- Measurements of actual time in each mode seen as unnecessary for this policy – the purpose is not to estimate actual consumption, but to encourage reduction of standby in selected modes
- Proposal will be coordinated with the agreed label and registration process for water labelling (washers and dishwashers)
- Dryer transition will be considered separately



Government Proposals 3

- It is noted that there will be a disincentive to re-register products until 2006 (TESAW /All Stars will encourage early re-registration)
- May be possible to allow re-registration with inclusion of new standby data (not retest)
- No change to the star rating algorithms
- Not desirable to have a change visible to consumers that standby is included in the label CEC
- Standby included on interactive listing



Issues still to be resolved

- Do we include delay start mode into the algorithm for standby? (F&P propose removal) (if included, what hours?)
- Inclusion of network ready mode?
- Is a simplistic approach adequate? (Cogan proposal of highest mode x 8000 hours)
- Other alternative approaches or variants?
- Include a mark on the label (eg dot) to indicate that standby is included for the displayed model? (for regulators, not consumers, CD only)



Other Issues?

- Are there any other outstanding points to resolve?
- Wet products not currently subjected to MEPS – therefore standby is not an issue at present



Next Steps

- RIS will be released early in 2005 for comment
- Public comment drafts for all wet products to be issued shortly – will cover off all major issues under review (not just standby related)
- Publication by mid 2005



The End

More information see:

www.energyrating.gov.au

- - thank you