Ecodesign and Energy labelling

BEEF Meeting

17 March 2015
Contents

• Progress and updates on product regulations
• Development of the 2015-17 Ecodesign working plan
• Revision of the Energy Labelling Directive
• The Energy Technology List/ ECA scheme
Standards and labels – March 2015

- Circulators
- Electric motors
- Fans
- Domestic lighting
- Tertiary lighting
- Domestic refrigeration
- Domestic dishwashers
- Tumble driers
- Pumps
- LEDs and directional lighting
- Luminaires
- External power supplies
- Standby and off-mode losses
- Network standby

- Domestic washing machines
- Televisions
- Simple set top boxes
- Aircon & comfort fans
- Space Heaters
- Water heaters
- Computers
- Vacuum cleaners
- Ovens, hobs and cooker hoods
- Local space heaters
- Ventilation products
- Distribution transformers

Black = MEPS only; Red = MEPS & label
Recent developments (1)

- Professional refrigeration
  - Ecodesign regulation voted upon in April 2014
    - Not yet published in OJEU
    - Standards take effect in July 2016
  - Label regulation yet to be published
Recent developments (2)

- Solid fuel boilers
  - Ecodesign regulation voted upon in October 2014
    - Not yet published in OJEU
    - Standards take effect in July 2020
  - Expecting label to be published with Local Space heaters reg
  - Review in 2022 – except for looking at 3rd party verification (August 2018)

- Solid fuel local space heaters
  - Ecodesign Regulation voted upon in October 2014
    - Not yet published in OJEU
    - Standards take effect in 2022
  - Expecting label to be published with Local Space heaters reg
  - Review in 2024 – except for looking at 3rd party verification (August 2018)
**Ecodesign (reg no)**

- Motors (640/2009) 1 Jan 2015
- Circulators (641/2009) 1 Jan 2015
- Fans (327/2011) 1 Jan 2015
- Tumble driers (932/2012) 1 Nov 2015
- Pumps (547/2012) 1 Jan 2015
- Network standby (801/2013) 1 Jan 2015
- Cookers, hobs, hoods (66/2013) 20 Feb 2015
- Boilers/ space heaters (813/2013) 26 Sept 2015
- Water heaters (814/2013) 26 Sept 2015
- Transformers (548/2014) 1 July 2015

**Labelling (reg no)**

- Cookers (65/2014) 1 Jan 2015 1 Apr 2015
- ‘Online labelling’ (514/2014) 1 Jan 2015
- Boilers/ space heaters (811/2013) 26 Sep 2015
- Water heaters (812/2013) 26 Sep 2015
Commission’s workplans to 2014 (1)

Regulations expected from existing plans

- Commercial refrigeration
- Warm air central heating products
- Professional ‘wet’
- Motors – existing scope of
- Pumps regulations extended
- Compressors
- “Tolerances”

- Not expecting action on machines tools, thermal insulation, large industrial furnaces
Commission’s workplans to 2014 (1)

Status of preparatory studies

- Mains wiring: tasks 1 -7 (of 8) complete
- Smart appliances – just starting; first stakeholder meeting 10 March
- Uninterruptible Power Supplies – complete
- Enterprises’ servers - tasks 1 -7 (of 8) complete
- Steam boilers (<50MW) tasks 1 -7 (of 8) complete
- Taps and showers - tasks 1 -7 (of 8) complete
- Reviews -‘cold’, ‘wet’, lighting, TVs
Status/next steps

- TVs revisions and displays (monitors) – vote July?
- External Power supplies - revision in Q2 2015?
- Warm Air central heating products - vote Q2/Q3?
- Delaying Lighting stage 6 (halogen class ‘C’ phase out) - vote April 17
- “Tolerances” – vote Q2?
- Un-interruptible power supplies – vote Q3/4?
Commission workplan 2015-17

- Commission is developing its plan for ecodesign and energy labelling for 2015-2017.
- Stakeholder meetings held in June & October 2014.
- We want to see a plan that
  - Clears the backlog of ‘new’ products
  - Assesses the remaining untapped potential for products already regulated against the potential for those not looked at yet, and works on those offering the best savings
- 14 more regulations coming to review stage in the period: it is possible that non-energy benefits such as materials impacts will be addressed, as well or, or even instead of, further energy benefits
- Commission now promoting products policy eg infographics in January
Commission workplan 2015-17

Candidate products include

- Mobile phone base stations
- Greenhouse covers
- Hand driers
- Hot vending machines
- Mobile phones, smartphones
- Kettles
- Lifts
- Networking gateways
- Pressure washers
- Hair driers
- PV inverters
- Refrigerated containers
- Signage displays
- Toasters
- Building automation control systems in non-residential buildings
Review of Labelling Directive

- Commission has been reviewing the labelling directive
- Our key objectives are to ensure that labelling helps consumers make informed choices and incentivises manufacturers to innovate
- The key issue is moving to longer term, sustainable labelling scale
  - At present scale can go to A+++ but some products already there
  - We also want to clarify the rules around the use of running cost information, reflecting the John Lewis trial (possible if ‘digital’ labels considered?)
- Hints from DG Energy that they favour moving to ‘A – G’
- We expect firm proposals in Q2/ Q3 2015
- Negotiations from Q3 on?
International Activities

- UK leading a project under the G20 Energy Efficiency Action Plan, supported by IEA, 4E and SEAD
  - Focus on developing government-industry agreement on a framework for better management of energy demand of devices in ‘network standby’ mode
  - Takes forward work in IEA/4E publication ‘More Data Less Energy’

- First workshop of govts & industry 19-20 Jan
- Govts meet in May
- Govts/industry meet in June
- Progress report to Turkey meeting of G20 leaders
• EUP team took on responsibility for the ETL in October
• ETL is a list of 16-17000 products for commerce & industry that qualify for Enhanced Capital Allowances
• Criteria set to cover best ~25% of products in a category
• Complements energy labelling
• ETL also used by business and public sector (eg GBS) as an aid to procurement of the best performers
• We will be looking for synergies between ETL and EU work – eg evidence and market data; testing