

● Standby/ecodesign policy of the EU

Contact:

Stephan Kolb

European Commission

Directorate-General for Energy and Transport

Directorate D - New and renewable sources of energy, Energy efficiency & Innovation

Unit D3 - Energy efficiency of products & Intelligent Energy - Europe

Rue de Mot 24-26

B-1049 Brussels, Belgium

stephan.kolb@ec.europa.eu

http://ec.europa.eu/energy/demand/legislation/index_en.htm

Ecodesign

- **Ecodesign framework Directive 2005/32/EC**: sets the general principles
- implementing measures: minimum performance requirements for relevant environmental aspects (throughout life-cycle) of a product – including energy efficiency
- Non-complying products must not be marketed in the EU
- **Standby for a “group of products”**: one of the priorities (Article 16)



EU Commission staff «working document» on horizontal ecodesign requirements on standby functions/off mode

- working document contains suggestions for ecodesign requirements for standby/off mode of household and office equipment
- published Sep 07
- technical basis: standby preparatory study (“Lot 6”)
- working document was discussed in “Ecodesign Consultation Forum” (EU Member States, stakeholders) in Oct 07
- working document, minutes and further relevant info on the EU ecodesign policy available on http://ec.europa.eu/energy/demand/legislation/eco_design_en.htm

● «Working document» - suggestions for requirements

Two stages: one year/three years after entry into force of regulation

- ... **any off mode** condition shall not exceed **1.0 Watt/0.5 Watt**
- ... any condition providing only a **reactivation function** shall not exceed **1.0 Watt/0.5 Watt**.
- ... any condition providing **information or status display**, or a combination of **reactivation function and information or status display**, shall not exceed **2.0 Watt/1.0 Watt**.
- automatic power down
- (possibly to be added for final legislation: requirement that equipment has to provide standby/off mode)



Expected impact

- energy consumption in EU-25 related to standby/off mode as covered in the product scope and standby/off definition of the (i.a. w/o "networked", cf prep study)
 - » business as usual in 2020: 49 TWh
 - » with power levels as suggested in 2020: 14 TWh
 - » Further savings expected due to auto power down
- further impact expected from equipment designed to meet EU requirements, but sold in other markets of the world

Next steps

- EU Commission intends to adopt ecodesign standby regulation still in 2008, cf. COM(2008) 11

(available on http://ec.europa.eu/energy/climate_actions/index_en.htm)

- currently: drafting of proposal for regulation and «impact assessment», considering feedback on the working document
- vote by EU Member States («Regulatory Committee») foreseen before (EU) summer break, followed by
- WTO notification, scrutiny of European Parliament
- adoption by EU Commission foreseen in 4th quarter 2008