Standby/ecodesign policy of the EU

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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


(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