Comments from ECESB Technical Working Group on ENERGY STAR specification for Computers Draft 2

Introduction
The ENERGY STAR specification for computers version 4.0 draft 2 has been submitted to the ECESB Technical Working Group and comments have been collected.

In the following we provide the main comments to the draft.

Standby (off) Mode Level
When power consumption for WOL is not included in the standby (off) levels for all product types, the levels could be lower than the proposed 1.75 to 2 W. Technically, 1 W should be achievable.

Sleep Mode Level for Gaming Consoles
Sleep mode requirements have been exempted from the requirement, which is a pity because there is a high risk that the consoles are connected to the TV and are left on when the TV is used for other viewing. A sleep mode requirement would let the consoles automatically enter a low power mode.

Capability Adders for Sleep and Standby
We assume that the adders are 0.7 W and 0.2 W and not 7 W and 2 W. If not, the levels are too high and should be decreased.

Levels
Based on the current data, it is not possible to get an overview of the compliance of all the criteria for the products, because the product data are split into idle mode data and low power mode data and power supply compliance is not included.

In any case, the levels should target the 25 % compliance level as an overall rule. Furthermore, the levels should preferable be adjusted to possible new energy efficient technologies to be applied in new computers.