



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
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Swiss Federal Office of Energy

Actual Swiss Regulation Process

Additional information about Settop-Boxes

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The Politics of the Swiss Government

- In February 2007 the Federal Council has decided, that the Energy politics is based on four piles:
 - Energy Efficiency
 - Renewable Energy
 - Replacement and building of new power plants for Electricity production
 - International Energy politic
- To further elaborate this general strategy, the Federal Government has worked out two action plans concerning the efficiency and the renewable and has as well made some simplification in the permission process to accelerate the construction of Energy-infrastructure



The Politics of the Swiss Government

- In February 2008 the Federal Council has accepted the major parts of the action plans
- The action plans have the following goals:
 - to reduce the consumption of fossil energy until 2020 up to 20% according to the general climate goals
 - to increase the share of the renewable Energy up to 50% from the total Energy consumption
 - to increasing of the Electricity consumption between 2010 and 2020 shall not grow more than 5%
 - to stabilize the Electricity consumption for the time after 2020



The Politics of the Swiss Government

- The action plans of the Swiss Government includes 15 measures, which are a pragmatic mixture of subsidizing, Supporting, Regulations, Minimal efficient Standards and measures in the area of Research and education:
 - 5 measures are for the building area
 - 2 measures are in the mobility area
 - *1 group of measures is for appliances and motors*
 - 1 measure is for the area industry and services
 - 3 measures are in the area of research, transfer of technology, education, information and consulting
 - 3 measures are in the area “forerunner-function in the public procurement”



The Politics of the Swiss Government

The measures in the area for appliances and motors include:

- Minimal efficiency standard for household appliances with the energy label (Strategy: Allowance only for A and B-Devices)
- *Minimal efficiency standard for electronic devices, specifically IT, PC, Consumer electronics, Settop-Boxes and Devices with Standby (Strategy: Standby for Consumer electronic max. 1W (excluding STB), PC 2W, Cellular phones 0.3W)*
- Minimal efficiency standard (MESP) for electrical lighting (Strategy: 2009: E as MEPS / 2012: D as MEPS / 2015: B as MEPS)
- Minimal efficiency standard for electric motors
- Voluntary Agreement with minimal efficient standards for specific devices as UPS, Water dispenser, coffee machines,)



The Politics of the Swiss Government

Swiss Federal Office has elaborating the corresponding regulation. For the Settop-Boxes, it was very important:

- to set the regulative values to a level which is in line with international activities and mainly with the values of the Code of Conduct.
- To refer to the national voluntary agreement about the Settop-Boxes, based on the levels of CoC version 4. So this values will be the first step of the regulation procedure, which is now foreseen to be into force on 1. Quarter 2009 (at the moment the consultative phase is taken place until January 2009)



The planned Steps of Regulation in Switzerland

- Tier 1:**
- Beginning of 2009
 - Values based on the CoC, version 4
- Tier 2:**
- Beginning of 2010
(depending on the Swiss political process, considering EuP and CoC)
 - Standby active values for any complex Boxes
 - Capability to self attachment, if completely disconnected manually
 - Maximum Value for On Mode (not defined yet)
- Tier 3:**
- Is as step clearly foreseen in the regulation path. Values and additional specifications not defined yet.
(considering EuP and CoC)



Suggestion of value to CoC Tier 2

Maximum total power consumption in ***Standby active*** for the basic configuration ***AND any additional features including High Definition TV*** (MPEG2 and MPEG4) and multi-decode platforms: **8 W**



Proposal /Ideas to CoC for Tier 3 - 5

Possible roadmap for the CoC and the regulation in Switzerland (Tier 3 to Tier 5)

<u>Mode</u>	<u>1.1.2011</u> <u>to 31.12.2011</u> tier 3	<u>1.1.2012</u> <u>to</u> <u>31.12.2012</u> tier 4	<u>1.1.2013</u> <u>to</u> <u>31.12.2013</u> tier 5
Standby passive	1 W	0.5 W	0.5 W
Standby active	3 W	2 W	1 W
-allowance for networking	3 W	2 W	0.5 W
Total Standby activ	6 W	4 W	1.5 W
On	TBD	TBD	TBD
-allowance for recording	TBD	TBD	TBD
Total On	TBD	TBD	TBD



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Thank you



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