

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

October 5, 2007

Dear Set-top Box Stakeholder:

EPA welcomes your input on the **Draft 2 ENERGY STAR® Program Requirements for Service Providers and Manufacturers of Set-top Boxes**. Two documents are included for your review:

1. The Version 1.0 ENERGY STAR Program Requirements for Cable, Satellite, and Telecom Service Providers. Draft 2 of this document includes a limited number of modifications to the service provider commitments put forth in Draft 1. One modification is the inclusion of three yearly TBD purchase and deployment requirements. The three main commitments continue to include purchase and deployment of ENERGY STAR qualified boxes, assuring continued energy savings from boxes deployed to subscribers, and consumer education.
2. The Version 2.0 ENERGY STAR Program Requirements for Set-top Boxes, which outline the partner commitments for manufacturers and technical requirements for assessing the energy efficiency of boxes across a calculated duty cycle. Draft 2 clarifies the duty cycle and test procedure, provides additional guidance on labeling qualified products, and suggests energy-efficiency criteria boxes must meet to earn the ENERGY STAR. This Draft 2 Specification proposes two tiers with September 1, 2008 and January 1, 2010 effective dates.
3. Draft 1 ENERGY STAR Set-top Box Specifications Comment Summary. This document compiles the feedback stakeholders provided on the Draft 1 specifications and notes EPA's response to each comment.

As you likely know, EPA is proposing the use of the Canadian Standards Association's (CSA) draft standard C380-06 to test set top-boxes for ENERGY STAR qualification. The CSA, a non-profit, **membership-based**, standards development association, has graciously allowed EPA to make the draft C380-06 specification available to stakeholders as you review of the proposed Draft 2 specifications. Please note that ENERGY STAR has edited a CSA document that is still in draft form. As such, any questions regarding the original CSA content should be directed to CSA while any questions or feedback on the ENERGY STAR edits should be directed to the contacts for EPA listed below. Please note that these are edits that EPA will propose to CSA and do not reflect the final state of the document. Additionally, EPA left out large parts of section 4, Measurement of Standby and On State Energy Consumption, to ensure that there is no confusion as to what test procedure is being proposed for use by ENERGY STAR. EPA plans to work with CSA to finalize this document and to ensure that the document meets the needs of both EPA and CSA respectively. Stakeholders who anticipate using the Draft CSA standard to evaluate the Draft 2 ENERGY STAR specifications should contact Darcy Martinez, ICF International, via e-mail at dmartinez@icfi.com to request access to the standard.

All manufacturers, service providers, and other interested parties are encouraged to review the Draft 2 ENERGY STAR specifications for service providers and set-top boxes and provide comments by **October 31, 2007**. Please send comments via e-mail to Darcy Martinez, ICF International, at dmartinez@icfi.com. On **October 16, 2007, EPA will hold a stakeholder meeting in San Diego, CA to discuss these Draft 2 specifications**. The meeting will be held in conjunction with the Consumer Electronics Association's (CEA's) Technology and Standards (T&S) Forum. EPA wishes to thank CEA for incorporating this EPA meeting into their T&S Forum. Comments received prior to the meeting would be greatly appreciated and

will allow for a more meaningful conversation about the Draft 2 specifications when we meet on October 16, 2007. All comments received will be posted to the ENERGY STAR Product Development Web site, unless the submitter specifically requests that their comments remain confidential.

Additional meeting details are provided below, and a draft agenda will be forthcoming shortly. Please note, a conference line will be provided for those stakeholders who cannot attend the meeting in person.

STB Meeting Date & Time

Tuesday, October 16, 2007 from 2:00 p.m. – 6:00 p.m. Pacific Time.

Registration

Details on the CEA T&S Forum and the ENERGY STAR STB meeting can be found at: http://www.ce.org/Events/event_info/registration.asp?eventID=TSF07. Since online registration has closed, please contact Darcy Martinez, dmartinez@icfi.com if you wish to attend and have not already registered.

Location

Hotel Del Coronado
1500 Orange Avenue
Coronado, CA 92118
Tel: 1-800-468-3533

Conference Call Information:

U.S. Call-in Number: 866-299-3188
International Call-in Number: 706-758-1822
Pass code (U.S. and int'l): 202-343-9120#

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. To track EPA's progress in revising the ENERGY STAR STB products specification and to review comments, please visit the Product Development Web site at www.energystar.gov/productdevelopment and click on "Revisions to Existing Specifications."

Thank you for taking the time to review these Draft 2 specifications. Please feel free to contact me directly with any questions or concerns at (202) 343-9120 or via e-mail at kaplan.katharine@epa.gov.

Best Regards,



Katharine Kaplan, EPA Product Manager
ENERGY STAR for Consumer Electronics

Enclosures:

ENERGY STAR Program Requirements for Set-top Boxes, DRAFT 2 – Version 2.0

ENERGY STAR Program Requirements for Cable, Satellite, and Telecom Service Providers, Partner Commitments, DRAFT 2 – Version 1.0

Draft 1 ENERGY STAR STB Specifications Comment Summary