

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



OFFICE OF
AIR AND RADIATION

April 21, 2017

Dear ENERGY STAR® TV Partner or Other Interested Stakeholder:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the following Draft 2 Version 8.0 ENERGY STAR TV specification. This draft includes revisions in response to stakeholder feedback on proposals in Draft 1. As noted in stakeholder communications, EPA is striving to complete this revision in Summer 2017 such that it is effective for the 2018 model year.

Draft 2 Version 8.0 includes the following changes noted below. EPA's responses to all stakeholder feedback are available in the comment response document.

- **Energy Saving Features Must Deliver Comparable Savings:** EPA received mixed feedback from stakeholders on its proposal to limit the use of an energy saving feature unless it delivers comparable savings during typical viewing experiences. The Agency understands stakeholders' desire for a clearer definition of "typical viewing experience" to guard against vulnerability if the feature's energy savings were interpreted differently by EPA and/or other external stakeholders. As such, EPA proposes to provide greater assurance to manufacturers seeking to certify products with energy saving features enabled by offering to review internal test results prior to certification.
- **Alerting Changes in Power Consumption:** In response to stakeholder feedback, EPA proposes requiring that energy saving features default back to being enabled whenever the user selects preset picture settings where such functions were enabled by default. EPA also proposes modified language such that the TV/HTD must provide an alert only when activation of a Special Function disables an energy saving feature.
- **Persistence:** EPA has clarified language in Sections 3.2.5 and 3.2.6 under Preset Picture Setting and Section 3.3.1 under On Mode Requirements to make the persistence requirements apply to any energy saving feature, not just ABC.
- **Automatic Brightness Control (ABC):** Balancing stakeholder input, EPA proposes setting a minimum screen luminance of 125 cd/m² at 3 lux to account for manufacturer-cited variations in measured screen luminance and to maintain a minimum floor to guard against TVs certified with ABC enabled from shipping too dim. Although the proposed

requirement remains unchanged from Draft 1, EPA is considering requiring that for TVs with ABC Enabled by Default, TVs with any number of Preset Picture Settings shall have only one or no Preset Picture Setting without ABC enabled by default. With this Draft 2, EPA requests more information from stakeholders in which specific Preset Picture Settings manufacturers are unable to implement ABC, excluding the picture setting under the Retail configuration and any picture settings that may appear with true HDR content.

TV Webinar to Discuss Draft 2: On **May 15, 2017 from 1pm-3pm Eastern Time**, EPA will host a stakeholder webinar to present the Draft 2 Version 8.0 ENERGY STAR TV specification and address stakeholder questions and concerns. If you wish to attend this meeting, please register [here](#).

Stakeholders are requested to provide comments and any final data submissions on the Draft 2 specification no later than **May 24, 2017**. Please send comments via e-mail televisions@energystar.gov. All comments received will be posted to the ENERGY STAR TVs Product Development Web site, unless the submitter specifically requests that his or her comments remain confidential.

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 TV product specification and to review comments, please visit the Product Development Web site at www.energystar.gov/RevisedSpecs and click on "Version 8.0 is in development." under Televisions.

Thank you for taking the time to review this draft specification. Please contact me at Radulovic.Verena@epa.gov or (202) 343-9845, or Emmy Feldman at ICF at Emmy.Feldman@icf.com or (202) 862-1145, with any questions or concerns.

Best Regards,



Verena Radulovic, Manager
ENERGY STAR for Consumer Electronics

Enclosures:

Draft 2 Version 8.0 ENERGY STAR TV Products Specification
Comment Response on Draft 1 Version 8.0