

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



OFFICE OF  
AIR AND RADIATION

December 30, 2014

Dear Televisions Partner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) is pleased to provide you with the Final Version 7.0 ENERGY STAR® Televisions specification. EPA would like to thank the many stakeholders who have invested time and effort over the past year to contribute feedback to this specification process. The effective date for this ENERGY STAR Televisions specification is October 30, 2015. This letter describes the Agency's final decisions regarding these new requirements and outlines the process for certifying products under the new specification.

This specification establishes new On Mode power consumption requirements for Televisions, including both HD TVs and those with ultra-high definition resolution. The new criteria represent a good selection of models from a variety of manufacturers across a variety of screen sizes—including larger screen sizes that continue to grow in popularity—all of which offer superior efficiency. If all televisions sold in the United States were ENERGY STAR certified, the cost savings would grow to more than \$800 million each year and more than 11 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from over 1.1 million vehicles.

In addition, the specification establishes new power consumption requirements for Standby-Active, Low Mode and Standby Passive Modes. Finally, it offers partners the ability to highlight thin client capability that allows for integrated set-top box functionality, indicate additional picture settings that also meet ENERGY STAR criteria, and ship TVs with a very high maximum screen brightness at a luminance best optimized for home viewing. The specification references the Department of Energy's Test Procedure for Television Sets—Appendix H to Subpart B of 10 CFR § 430—and also includes a supplemental test procedure to ensure full network connectivity for products tested in Standby-Active, Low Mode.

The Version 7.0 Televisions specification was developed through extensive engagement with stakeholders including several draft specifications and meetings. Stakeholder comments, previous draft versions of the specification, including the Final Draft, and related materials can be found on the ENERGY STAR website at [www.energystar.gov/RevisedSpecs](http://www.energystar.gov/RevisedSpecs) under the link for "Televisions."

This Final Version 7.0 specification is substantively unchanged from the Final Draft. EPA received comments from a few stakeholders requesting a delayed effective date. EPA has shifted the effective date into October in light of the holiday and early January drivers for TV partners. However, due to the already high market share of products that currently meet Version 6.1, EPA has not shifted to the requested dates in December 2015 or early 2016, as doing so would compromise the impact of the specification on the 2015 model year. Manufacturers will be able to continue to certify TVs to Version 6.1 until June 2015 and can market those units at ENERGY STAR through October 2015.

**Transition Timeline and Next Steps:** EPA shares its partners' desire for a smooth transition from one ENERGY STAR specification version to the next, such that ENERGY STAR labeled

products meet the latest requirements when they go into effect and partners have time to transition their collateral material. With this in mind and consistent with its approach for other product categories, EPA is sharing the following timeline for transitioning to Version 7.0:

- Effective December 30, 2014, Partners may elect to have their EPA-recognized certification body (CB) certify their eligible products to the Version 7.0 requirements.
- After June 15, 2015, CBs will be instructed to stop certifying new product submittals to Version 6.1. Note, however, that existing certifications will remain valid for purposes of ENERGY STAR qualification until October 30, 2015.
- Any televisions manufactured as of October 30, 2015, must meet Version 7.0 requirements to bear the ENERGY STAR mark. All certifications of products to the Version 6.1 specification will be invalid for purposes of ENERGY STAR qualification and CBs will only submit product models certified to Version 7.0 to EPA.

Please note that ENERGY STAR partnership as a manufacturer is limited to organizations that own and/or license a brand name under which they sell eligible products in the United States and/or Canada. Partnership is not available to original equipment manufacturers (OEMs) that do not sell directly to consumers or end users. OEMs may certify products on behalf of the ENERGY STAR brand owners/licensees; however the brand owner must be the ENERGY STAR partner associated directly with the certified product models, since only partners are authorized to use the ENERGY STAR certification mark.

**Third-party Certification:** As a reminder, all new products must be certified by an EPA-recognized CB before being labeled and marketed as ENERGY STAR. Upon satisfactory completion of all certification requirements, a CB will notify the Partner that the product is ENERGY STAR certified and will submit certified product data to EPA for listing on the ENERGY STAR website. For more information on the Third-party Certification program please visit [www.energystar.gov/3rdPartyCert](http://www.energystar.gov/3rdPartyCert).

EPA thanks stakeholders who provided feedback during the specification revision process and looks forward to working with you as you certify and market your energy-efficient Television products. If you have any questions or concerns about the specification or partnership process, please feel free to contact me at (202) 343-9845 or [Radulovic.Verena@epa.gov](mailto:Radulovic.Verena@epa.gov). For any questions related to the Test Method, please contact Jeremy Domm, DOE, at (202) 586-9870 or [Jeremy.Domm@ee.doe.gov](mailto:Jeremy.Domm@ee.doe.gov)

Thank you for your continued support of ENERGY STAR.

Best Regards,



Verena Radulovic, Product Manager  
ENERGY STAR for Consumer Electronics

Enclosures:

Final Version 7.0 ENERGY STAR Program Requirements for Televisions  
Final Draft Version 7.0 Comment Response Document