

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



OFFICE OF AIR  
AND RADIATION

October 5, 2015

Dear ENERGY STAR<sup>®</sup> Displays Brand Owner or Other Interested Stakeholder:

The U.S. Environmental Protection Agency (EPA) is pleased to provide you with the Final ENERGY STAR Version 7.0 program requirements for Displays. On behalf of EPA, I would like to thank the many stakeholders who have invested time and effort in this specification revision process. The effective date for the Version 7.0 specification is July 1, 2016. This letter highlights key features of the new specification and outlines the process for certifying products to the new requirements.

**Overview of Final Criteria:**

The Version 7.0 specification establishes new power consumption requirements for both computer monitors and signage displays. The limit for computer monitors is expressed in terms of total energy consumption (TEC) to allow for greater flexibility in how manufacturers implement new features and functionality in both On and Sleep Modes while delivering substantial energy savings. The limit for signage displays is expressed using a modal approach, since typical usage profiles for signage displays are not available. EPA modified the definition of signage displays to further differentiate such products from monitors. The specification also provides new allowances for attributes found in enhanced performance displays as well as for network connectivity, touch, and occupancy sensors.

Under these new ENERGY STAR efficiency requirements, savings from computer monitors and signage displays will grow to over \$130 million in energy costs each year, with a reduction in annual greenhouse gas emissions equivalent to that of over 225,000 vehicles.

The Version 7.0 specification is unchanged from the Final Draft except for a slight modification to the TEC power consumption requirements and the addition of an allowance for touch functionality in computer monitors. After the release of the Final Draft in July, EPA received additional data for 223 models, many of which are pending release. The addition of these models and the performance they reflect supports relaxing the TEC limits somewhat to ensure an adequate selection of qualifying models, particularly in key product sizes, namely in the 20-24" and greater than 26" size bins. New data was also provided for monitors with touch functionality. The expanded dataset demonstrates that models with this feature consistently consume a meaningful amount of additional power, thus supporting the addition of a modest power allowance. In addition, the U.S. Department of Energy (DOE) has made minor editorial changes in the Final Displays Test Method (September 2015) for clarity, based on stakeholder feedback. A summary of comments received on the Final Draft and Agency responses is also included.

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

**Timeline and Next Steps:**

EPA shares partners' desire for a smooth transition from one ENERGY STAR specification to the next, so that consumers can expect ENERGY STAR labeled products to fully meet the latest requirements upon their effective date. With this in mind, EPA has established the following timeline:

- Effective today, manufacturers may elect to have their certification body (CB) certify their eligible products to the Version 7.0 requirements.
- After February 15, 2016, CBs will be instructed to stop certifying new product submittals to the Version 6.0 specification. Note, however, that existing certifications will remain valid for purposes of ENERGY STAR qualification until June 30, 2016.
- As of July 1, 2016, all certifications of products to the Version 6.0 specification will be invalid for purposes of ENERGY STAR qualification, and CBs will be permitted to submit to EPA for qualification only those models they have certified to Version 7.0.

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 qualified. Upon satisfactory completion of all certification requirements, a CB will notify the partner that the product is ENERGY STAR qualified and will submit qualified 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 qualify and market your energy-efficient displays. 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 for ENERGY STAR products, please contact Jeremy Domm at [Jeremy.Domm@ee.doe.gov](mailto:Jeremy.Domm@ee.doe.gov) or (202) 586-9870.

Best Regards,



Verena Radulovic, Product Manager  
ENERGY STAR for Consumer Electronics

**Enclosures:**

Final Version 7.0 ENERGY STAR Program Requirements for Displays  
Final Masked Dataset  
Final Draft Comment Response Document  
Version 7.0 Displays Data Reporting Template