

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



OFFICE OF  
AIR AND RADIATION

April 3, 2019

Dear ENERGY STAR® Computers Partner or Other Interested Stakeholder,

With this letter, the U.S. Environmental Protection Agency (EPA) is releasing the Draft 1, Version 8.0 ENERGY STAR Computers [specification](#) and [test method](#). As had been discussed as part of the Version 7.0 specification, with Version 8.0, EPA is addressing desktop, integrated desktop, and workstation products. Stakeholders are encouraged to submit any comments to [computers@energystar.gov](mailto:computers@energystar.gov) by May 3, 2019.

EPA released a Discussion Guide for stakeholder review and comment focused on the ENERGY STAR categorization systems, mode weightings, internal power supplies, and possible scope amendments. EPA is now releasing a Draft 1 specification and test method that consider this early feedback. Note boxes throughout the specification provide EPA's rationale for proposals. Comments not addressed in the specification are responded to in the accompanying comment response document. Also attached to this distribution is a [data package](#) that includes the EPA dataset, Draft 1 proposed levels, and savings estimates. The Draft 1, Version 8.0 specification incorporates the following key elements.

*Energy Criteria*

Market penetration for desktop computers is currently 52% and for workstations 21%. As such, EPA is proposing more stringent ENERGY STAR criteria for desktop products. This proposal consolidates some of the desktop categories, reduces the base allowances, and adjusts the adders to take into account more recent information from the ENERGY STAR Displays and Notebook revisions and the California Energy Commission standard development effort. EPA has also adjusted the mode weightings based on significant stakeholder data. Workstations mode weightings have also been amended based on this stakeholder data, but the criteria have been maintained given the low market share of ENERGY STAR workstations.

*Internal Power Supply Criteria*

EPA is proposing to expand the 80Plus Gold or equivalent criteria to all internal power supplies. This represents a balance of the comments received on the Discussion Guide. EPA believes that this proposal will address poor performing power supplies at lower load points, while not imposing additional testing burden on manufacturers.

Comment Submittal

EPA welcomes stakeholder input on the attached, Draft 1, Version 8.0 specification. Stakeholders are encouraged to submit any comments to [computers@energystar.gov](mailto:computers@energystar.gov) by May 3, 2019. All comments will be posted to the [ENERGY STAR Product Development website](#) unless the submitter requests otherwise.

Stakeholder Webinar

EPA will host a webinar to answer any questions on this Draft 1 specification on April 16, 2019 from 1-3 PM Eastern Time. Please register [here](#) if you plan on attending.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress on this specification, please visit the [computers product development website](#).

Please contact me at [Fogle.Ryan@epa.gov](mailto:Fogle.Ryan@epa.gov) or 202-343-9153 or John Clinger, ICF, at [John.Clinger@icf.com](mailto:John.Clinger@icf.com) or (215) 967-9407 with questions or concerns regarding the specification. For any test method questions, please contact Jeremy Domm, U.S. Department of Energy, [Jeremy.Domm@EE.Doe.Gov](mailto:Jeremy.Domm@EE.Doe.Gov), or 202-586-9870. For any other Computer related questions, please contact [computers@energystar.gov](mailto:computers@energystar.gov). Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ryan Fogle".

Ryan Fogle  
EPA Manager, ENERGY STAR for IT and Data Center Products

Enclosures:

[Draft 1, Version 8.0 Specification](#)

[Draft 1, Computers Test Method](#)

[Data and Analysis Package](#)

[Discussion Guide Comment Response Matrix](#)