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



OFFICE OF AIR AND  
RADIATION

July 16, 2019

Dear ENERGY STAR® Computers Partner or Other Interested Stakeholder,

With this letter, the U.S. Environmental Protection Agency (EPA) is releasing the [Draft 2, Version 8.0 ENERGY STAR Computer specification](#) and [test method](#). EPA thanks stakeholders for the feedback that they provided and has taken that feedback into consideration in developing this draft specification. Stakeholders are encouraged to submit any comments to [computers@energystar.gov](mailto:computers@energystar.gov) by August 16, 2019.

The Draft 2, Version 8.0 specification incorporates the following key elements:

*Energy Criteria:*

EPA is adjusting the category system, base allowances, and functional adders in Draft 2. EPA has developed separate criteria for integrated desktops as these products most commonly use notebook components, which serve a distinct customer end use. In addition, EPA has adjusted the desktop base allowances to account for the change in product mix. Finally, EPA has adjusted the adders to better take into account the updated mode weightings. These updated levels continue to target the top quartile of the market, while also allowing products with fewer feature sets, and lower energy consumption, improved means to achieve ENERGY STAR certification. EPA has released an updated [data package](#), which includes the new dataset.

*Power Supply Criteria:*

In Draft 2, EPA is proposing to reintroduce 80Plus Bronze or equivalent requirements for those products with a nameplate rating of less than 500W. However, EPA is also proposing a 10% load requirement of 0.80 for all internal power supplies.

*Resume Time*

Stakeholders noted in their Draft 1 comments that there has been inconsistent testing of resume time in the Version 7.1 specification and requested amendments to the sleep mode definition to exclude resume time. In Draft 1, the Department of Energy proposed an addition to the test method to help define how to test for resume time. This has been removed in Draft 2 and EPA has added a requirement for resume time for notebooks and desktops, while removing it from the sleep mode definition. Manufacturers will self-declare that the product can meet this requirement.

*Full Network Connectivity*

As part of the June 18 stakeholder meeting, a new proposal for full network connectivity was shared by stakeholders. EPA assessed the proposal and has reintroduced an incentive for those desktop products that meet the full connectivity. In addition, the Agency has increased the energy consumption allowance from 2 watts to 2.5 watts.

Comment Submittal

EPA welcomes stakeholder input on the attached, Draft 2, Version 8.0 specification. Stakeholders are

encouraged to submit any comments to [computers@energystar.gov](mailto:computers@energystar.gov) by August 16, 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 2 specification on July 25, 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,



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

Enclosures:

[Draft 2, Version 8.0 Specification](#)

[Draft 2, Computers Test Method](#)

[Draft 1, Comment Response Matrix](#)

[Data Package](#)

For more information, visit: [www.energystar.gov](http://www.energystar.gov)

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